

**NAVY TRAINING SYSTEM PLAN**

**FOR THE**

**H-46 HELICOPTER**

**N88-NTSP-A-50-9409A/D**

**OCTOBER 2000**

## **H-46 HELICOPTER**

### **EXECUTIVE SUMMARY**

During this decade the H-46 program will be phased out of the Navy and Marine Corps. The CH-60S Helicopter will replace all Navy H-46 Helicopters by the year 2006. Helicopter Combat Support Squadron (HC)-3, the Navy Fleet Training activity, will become a dual training site, training both the H-46 and the CH-60S replacement Pilots, Aircrew, and maintenance personnel. The phase-out schedule of Navy H-46 maintenance training at HC-3, Naval Air Station (NAS), North Island, California, has not yet been established. The V-22 Osprey is scheduled to replace the Marine Corps CH-46E Helicopter by the year 2012. The Marine Corps has moved H-46 Pilot and Aircrew training from the east coast to Medium Marine Helicopter Training Squadron (HMMT)-164, Marine Corps Air Station (MCAS) Camp Pendleton, California. The East Coast training activity, Helicopter Marine Training (HMT)-204 has been designated Marine Medium Tilt-Rotor Training Squadron (VMMT)-204 and is the V-22 training facility. Marine Corps CH-46E maintenance training is now conducted at Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) CH-46 Fleet Replacement Enlisted Skills Training (FREST), MCAS New River, North Carolina.

All Navy H-46 training tracks and courses will be phased-out as the helicopters leave the inventory. It is anticipated that all Navy training for H-46 Helicopters be completed by the end of Fiscal Year (FY) 06; however, no date for cutoff of training has been identified. The CH-60S training requirements are detailed in the CH-60S Navy Training System Plan (NTSP). The Marine Corps CH-46 maintenance training phase-out has not been addressed as of this time. The V-22 training requirements are discussed in the V-22 NTSP.

Maintenance concepts for the H-46 Series Helicopter are based on the Naval Aviation Maintenance Program, Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2G, which details the three levels of maintenance employed by fleet H-46 squadrons. Organizational level maintenance is performed by personnel from aviation maintenance ratings with Navy Enlisted Classification (NEC) codes 8379, 8879, and 7225 and Military Occupational Specialties (MOS) 6112, 6152, 6322, and 6531. Personnel from various aviation maintenance ratings with applicable NECs perform intermediate level maintenance. Personnel at the Naval Aviation Depot (NADEP), Cherry Point, North Carolina, perform depot level maintenance.

The incorporation of Airframes Change (AFC)-433, Dynamic Component Upgrade (DCU), which began in 1996, continues, and incorporation of all six parts of the DCU is scheduled for completion by FY03. Two parts of the DCU have already been completed. Other major AFC actions, AFC-439 (Night Vision Goggle-Heads Up Display (NVG-HUD)), AFC-441 (AN/ARC-210 Radio Installation), AFC-443 (Communication Navigation Control System), and AFC-479 (Ground Proximity Warning System (GPWS)) are on schedule to be completed in FY03. The incorporation of these AFCs will not cause any quantitative changes in squadron or

## **H-46 HELICOPTER**

support activity manpower requirements. All Power Plants and Airframes courses affected by these AFCs have been updated and are currently being taught.

**H-46 HELICOPTER**  
**TABLE OF CONTENTS**

	<b>Page</b>
Executive Summary.....	i
List of Acronyms.....	iii
Preface.....	vi
 <b>PART I - TECHNICAL PROGRAM DATA</b>	
A. Nomenclature-Title-Program .....	I-1
B. Security Classification .....	I-1
C. Manpower, Personnel, and Training Principals.....	I-1
D. System Description.....	I-2
E. Developmental Test and Operational Test.....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced .....	I-2
G. Description of New Development .....	I-3
H. Concepts .....	I-5
I. Onboard (In-Service) Training.....	I-47
J. Logistics Support .....	I-49
K. Schedules .....	I-49
L. Government Furnished Equipment and Contractor Furnished Equipment Training Requirements.....	I-52
M. Related NTSPs and Other Applicable Documents .....	I-52
 <b>PART II - BILLET AND PERSONNEL REQUIREMENTS .....</b>	 II-1
<b>PART III - TRAINING REQUIREMENTS.....</b>	III-1
<b>PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....</b>	IV-1
<b>PART V - MPT MILESTONES.....</b>	V-1
<b>PART VI - DECISION ITEMS/ACTION REQUIRED .....</b>	VI-1
<b>PART VII - POINTS OF CONTACT .....</b>	VII-1

**H-46 HELICOPTER**

**LIST OF ACRONYMS**

AD	Aviation Machinist's Mate
AE	Aviation Electrician's Mate
AFC	Airframe Change
AFCS	Automatic Flight Control System
AMD	Activity Manpower Document
AMH	Aviation Structural Mechanic (Structures)
AMS	Aviation Structural Mechanics (Hydraulics)
AMTCS	Aviation Maintenance Training Continuum System
APT	Aircrew Procedures Trainer
AR	Active Reservist
AS	Aviation Support Equipment Technician
ASPA	Aircraft Service Period Adjustment
AT	Aviation Electronics Technician
CBT	Computer-Based Training
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNCS	Communication, Navigation and Control System
CNET	Commander Naval Education and Training
CNI	Communications, Navigation, and Identification
CNO	Chief of Naval Operations
COMNAVAIRRESFOR	Commander Naval Air Reserve Forces
DCU	Dynamic Component Upgrade
EI	Engineering Investigation
FMS	Foreign Military Sales
FMT	Field Modification Team
FREST	Fleet Replacement Enlisted Skills Training
FRP	Fleet Replacement Pilot
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GPWS	Ground Proximity Warning System

**H-46 HELICOPTER**

**LIST OF ACRONYMS**

HC	Helicopter Combat Support Squadron
HMMT	Medium Marine Helicopter Training Squadron
HMT	Marine Helicopter Training Squadron
ILSP	Integrated Logistics Support Plan
IPB	Illustrated Parts Breakdown
ISS	Initial Supply Support
IUT	Instructor Under Training
MATMEP	Maintenance Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty
MRC	Maintenance Requirements Card
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NADEP	Naval Aviation Depot
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NATTC	Naval Air Technical Training Center
NAVAIRSYSCOM	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NDI	Non-Destructive Inspection
NEC	Navy Enlisted Classification
NTSP	Navy Training System Plan
NVG-HUD	Night Vision Goggles-Head Up Display
OATMS	OPNAV Aviation Training Management System
OFT	Operational Flight Trainer
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
PQS	Personnel Qualification Standards

**H-46 HELICOPTER**

**LIST OF ACRONYMS**

PMA	Program Manager, Air
RFT	Ready For Training
ROC/POE	Required Operational Capability/Projected Operating Environment
SAR	Search and Rescue
SDLM	Standard Depot Level Maintenance
SRA	Shop Replaceable Assembly
SR&M	Safety, Reliability, and Maintainability
TD	Training Device
TFMMS	Total Force Manpower Management System
TFS	Total Force Structure
TO	Table of Organization
TTE	Technical Training Equipment
TYCOM	Type Commander
VERTREP	Vertical Replenishment
VMAT	Marine Attack Training Squadron
WST	Weapons System Trainer
WRA	Weapon Replaceable Assembly

## **H-46 HELICOPTER**

### **PREFACE**

This Draft Navy Training System Plan (NTSP) has been prepared to update and revise the Approved H-46 Helicopter NTSP A-50-9409/A, dated August 1996, and complies with the guidelines set forth in the Navy Training Requirements Documentation Manual, OPNAV Publication P-751-1-9-97.

This NTSP provides program information on the H-46 Helicopter phase-out in the Navy and Marine Corps as the CH-60S and V-22, respectively, are integrated into the fleet. This NTSP also addressed the incorporation of several Airframe Changes (AFC) into the H-46 Helicopter, specifically:

- AFC-433, Dynamic Component Upgrade (DCU)
- AFC-439, Night Vision Goggle-Head Up Display (NVG-HUD)
- AFC-441, AN/ACR-210 Installation
- AFC-443, Communication, Navigation, and Control System (CNCS)
- AFC-479, Ground Proximity Warning System (GPWS)



## PART I - TECHNICAL PROGRAM DATA

### A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** H-46 Helicopter
2. **Program Element.** 020612M

### B. SECURITY CLASSIFICATION

1. **System Characteristics** ..... Unclassified
2. **Capabilities** ..... Unclassified
3. **Functions**..... Unclassified

### C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor..... CNO (N880F3)

OPO Resource Sponsor ..... CNO (N880F3)

Marine Corps Program Sponsor..... CMC (APW-51)

Developing Agency..... NAVAIRSYSCOM (PMA226)

Training Agency ..... CINCLANTFLT  
CINCPACFLT  
CNET  
CMC

Training Support Agency..... NAVAIRSYSCOM (PMA205)  
COMNAVAIRESFOR

Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)

Director of Naval Training ..... CNO (N7)

Commander, Reserve Program Manager ..... COMNAVAIRESFOR  
(Code N34)

Marine Corps Force Structure..... MCCDC (C53)

## **D. SYSTEM DESCRIPTION**

**1. Operational Uses.** The primary mission of the CH-46D Helicopter is rapid ship-to-ship transfer of supplies and equipment under all-weather conditions, day or night. The primary mission of the CH-46E Helicopter is to rapidly disperse combat troops, support equipment, and supplies from amphibious assault ships and established airfields to advanced bases in undeveloped areas with limited maintenance and logistic support under all-weather conditions, day or night.

**2. Foreign Military Sales.** Foreign Military Sales (FMS) is considered sensitive information. For FMS information contact Program Manager, Air (PMA) 226.

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** The DCU program (AFC 433) was validated and verified from January to December 1995. Flight-testing was conducted at the Boeing Helicopter Flight Test Facility. Operational Evaluation was waived for the DCU program in lieu of a Surveillance Plan to track and analyze reworked and redesigned dynamic components. Type Commanders (TYCOM) selected candidate surveillance aircraft to have DCU components removed for special Engineering Investigations (EI) at specified intervals to verify the adequacy of the reworks and redesigns. These special EIs were performed at Naval Aviation Depot (NADEP) Cherry Point, North Carolina.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The H-46 Helicopter is being replaced throughout the Navy and the Marine Corps. The Navy's transition to the CH-60S Helicopter is to be completed in Fiscal Year (FY) 06. The Marine Corps conversion to the V-22 Osprey is to be completed by FY12.

The Navy will continue to use Helicopter Combat Support Squadron (HC) 3, Naval Air Station (NAS), North Island, California, for Pilot and Aircrew training. Maintenance Training Unit (MTU) 1028, Naval Air Maintenance Training Unit (NAMTRAU) North Island, California, is the H-46 maintenance training site. Both of these activities will provide training for the H-46 and the CH-60S Helicopters during the transition period.

The Marine Corps has relocated its Pilot and Aircrew H-46 training to Medium Marine Helicopter Training Squadron (HMMT)-164, Marine Corps Air Station (MCAS) Camp Pendleton, California. H-46 maintenance training is being conducted at MTU 1027 Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) CH-46 Fleet Replacement Enlisted Skills Training (FREST), New River, North Carolina. The former H-46 training squadron, Marine Helicopter Training Squadron (HMT)-204 (renamed VMMT-204), is now the V-22 training squadron.

The DCU modification program, which began in 1996, will provide all H-46 Helicopters with improved rotor, drive, and flight control systems without changing the form, fit, or function of these assemblies. Although many components within the rotor, drive, and flight control systems are being upgraded and improved, including new part numbers to identify these items, no equipment, system, or subsystem is being replaced.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The DCU modification program, AFC 433, will provide improved rotor, drive, and flight control systems in all H-46 Helicopters, eliminating the majority of recurring inspections, while extending the aircraft's longevity and improving the capability for future mission performance. AFC 433 is being installed in six parts.

- Part 1 involves the forward and aft rotor heads and lag dampers. Installations began in March 1996.
- Part 2 governs the forward and aft transmissions. Installations began in January 1998.
- Part 3 is the aft drive shaft and aft blade fold distributor modification. Installations began in March 1996 on an attrition basis, or concurrent with Standard Depot Level Maintenance (SDLM).
- Part 4 involves the remaining rotor controls. Installations began in April 1996.
- Part 5 involves forward transmission installations in Safety, Reliability and Maintainability (SR&M) aircraft. Installations began in January 1998.
- Part 6 involves aft transmission installations in SR&M aircraft. Installations began in February 1998.
- Part 7 governs the Yoke Through-Bolt installation to improve safety due to failure of the original bolts. Installations began in February 1999.

Currently, parts 2 and 4 are being combined and accomplished at the same time for ease of scheduling. Concurrently with SDLM, NADEP Cherry Point performs installations by Field Modification Teams (FMT), or in parts by organizational level maintenance activities as directed by TYCOMs.

**a. Rotor System.** Two fully articulated rotor systems (forward and aft) are incorporated on the H-46 Helicopter, consisting of three rotor blades and the rotor head. Each blade is capable of movement in three directions and can be folded within the landing gear width for parking. The DCU program modification to the rotor system will include upgraded materials, erosion strips, and more lasting paint. A new rotor hub will be machined from a stainless steel forging, shotpeened to increase fatigue strength, and painted with more corrosion resistant paint. Various other rotor head mechanisms such as hinge seals, dampers, and attachment fittings will be replaced with more durable materials.

**b. Drive System.** The H-46 drive system includes two transmissions (forward and aft), a mix box, five synchronization shafts, and an aft vertical shaft. Power is transmitted from each of the two engines to the mix box by separate drive shafts. The mix box combines torque of both engines and transmits power directly to the aft transmission, and, by

synchronization shafting, to the forward transmission. The forward rotor shaft is an integral part of the forward transmission; the aft vertical drive shaft is attached to the aft transmission. The DCU upgrade to the drive system will provide new forward and aft transmissions modified to include improved lubrication systems, new chrome-plated pinion gears, stronger rotor shafts, new hose and tube configurations, and redesigned debris monitoring capabilities. A new mix box will be created to provide improved lubrication, new support bearings, increased oil capacity, and upgraded chip detector capability. Aircraft electrical systems will be modified to accommodate the forward and aft transmission debris monitoring systems. Other miscellaneous changes include installing modified synchronizing shafts, strengthened aft rotor shaft, and a modified oil cooler blower.

**c. Flight Control System.** Varying the pitch of the rotor blades both cyclically and collectively controls the H-46 Helicopter. The flight controls are divided into five sections: the cockpit controls, lower controls, forward upper controls, control cable installation, and aft upper controls. The cockpit controls transmit pilot induced control motion to the lower controls. The lower controls transmit cockpit control inputs to the forward upper controls and the aft upper controls via the control cable assembly. The forward and aft upper controls receive inputs from the lower controls and hydraulically tilt the rotor blades to achieve the desired lateral vector or alter blade pitch equally on all blades to provide the desired lift vector. The control cable assembly transmits collective and lateral control motion from the lower controls to the aft upper controls. DCU modifications to the rotor and flight control systems include new corrosion resistant steel bushings and bearings, improved self-retaining bolts, new drive and stationary links, new collective links, and installation of various improved gaskets and seals.

**2. Physical Description.** The physical characteristics of the H-46 Helicopter are as follows:

CATEGORY	CH-46D	CH-46E
Maximum take-off weight	23,000 pounds	24,300 pounds
Weight (empty)	13,000 pounds	15,000 pounds
Length	84 feet, 4 inches	84 feet, 4 inches
Width	51 feet	51 feet
Height	16 feet, 8.5 inches	16 feet, 8.5 inches
Crew	3	3
Engine	(2) T58-GE-402	(2) T58-GE-16
Maximum speed	130 knots	145 knots
Maximum range (at 130 knots)	182 nautical miles	168 nautical miles
Service ceiling	10,000 feet	10,000 feet
Payload with full fuel cells	4,250 pounds	4,700 pounds

**3. New Development Introduction.** NADEP Cherry Point, concurrently with SDLM, performs the AFC 433 installation by FMTs, or in parts by organizational level maintenance activities, as directed by TYCOMs.

**4. Significant Interfaces.** Not Applicable (NA)

**5. New Features, Configurations, or Material.** The DCU modification program does not change the form, fit, or function of the H-46 Helicopter rotor, drive, or flight control systems. The modification incorporates such features as more durable materials, erosion strips, remanufactured parts to increase fatigue life, corrosion inhibiting materials, improved seals and lubrication, and transmission monitoring systems.

## **H. CONCEPTS**

**1. Operational Concept.** A minimum crew of three, comprised of one Pilot, one Co-Pilot, and one Crew Chief, operates the H-46 Helicopter. For Marine Corps NVG and combat missions, additional Crewmen are necessary. The H-46 Helicopter is capable of handling a variety of missions, as outlined in the Required Operational Capability and Projected Operating Environment (ROC/POE).

**2. Maintenance Concept.** The maintenance concept for the CH-46D and CH-46E Helicopters is based on three levels of maintenance as stated in the Naval Aviation Maintenance Program (NAMP), Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2G. Current organizational and intermediate level maintenance procedures will not be impacted by the DCU modification.

**a. Organizational.** Organizational level maintenance consists of maintenance actions normally performed by an operating unit in support of its own operations. These actions include inspecting, servicing, handling, fault-isolation, removal and replacement of Weapon Replaceable Assemblies (WRA), and performing on-aircraft repairs.

**(1) Preventive Maintenance.** Preventive maintenance is conducted at specified intervals per established procedures as designated by a set of Maintenance Requirement Cards (MRC). Preventive maintenance actions include aircraft corrosion inspections, periodic aircraft washing, phased and special inspections, lubrication and servicing of aircraft, and daily, preflight, postflight, and turnaround inspections.

**(2) Corrective Maintenance.** Corrective maintenance is work performed on aircraft, aircraft equipment, and support equipment to improve, change, or restore the capability to perform specific missions or functions. Corrective maintenance includes, but is not limited to, modification, repair, and unscheduled inspection, replacement, or test. CH-46 Helicopter corrective maintenance procedures encompass aircraft repair and replacement of faulty WRAs. Faulty WRAs and components are forwarded to the Aircraft Intermediate Maintenance Department (AIMD) or Marine Aircraft Logistics Squadron (MALS).

**b. Intermediate.** Maintenance at the intermediate level is conducted per specific instructions contained in Maintenance Instruction Manuals for each aircraft system. Intermediate maintenance actions are those normally performed in support of a user activity. These actions include repair, test, and modification of aeronautical equipment, calibration of support equipment, and disposition of assets from stricken aircraft. Intermediate maintenance is performed at AIMDs and MALS, afloat and ashore, to verify faulty WRAs and fault-isolate to a Shop Replaceable Assembly (SRA) or component using the appropriate test equipment. The following table illustrates the intermediate level repair requirements by system.

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
T-58-GE-16	First degree repair, with test cell facility
AN/ARC-182 VHF/UHF Radio	All WRAs and selected SRAs are fault-isolated using the AN/ARM-200, TS-4110, or TG-8300 Test Sets
KY-58/TSEC Secure Voice Equipment (UHF)	Verify faulty WRA and fault-isolate to the SRA level using BIT capability
KIT-1C/TSEC Computer, Interrogator	Depot level repair only
AN/ARC-51 UHF Radio	Verify faulty WRA and fault-isolate to the SRA level using the J-2006A/ARM-40 Distribution Box
AN/ARC-94 HF Radio	Test, check, and repair using the 678P1 or 678Z1 AN/ARC-94 Test Harness
AN/ARC-94 HF Radio Antenna	Test, check, and repair using the 522-4380-001, AN/ARM-116 Test Set
AN/AIC-14 Intercom Set	Test, check, and repair using the AN/AIC-3A, AIC-14 Test Set
MB-1 Altimeter	Depot level repair only
AAU-21/A Altimeter	Depot level repair only
AAU-24/A Altimeter	Depot level repair only
ID-387( )/ARN Indicator, Course	Depot level repair only
ID-663 C/U Indicator, Bearing (BDHI)	Depot level repair only

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
MD-1 Gyro, Displacement	Test and check only, fault-verification, depot repair only
NB-1 Compass, Magnetic (STBY)	Depot level repair only
ML-1 Transmitter, Compass	Depot level repair only
MM-4A Indicator, Attitude	Depot level repair only
MA-1 Compass System	Test and check only, fault-verification, depot repair only
C-6280(P)/APX Control Transponder	Repair and verification of WRAs, removal and replacement of SRAs by use of the APM-239A Transponder Test Set
TS-1843/APX Test Set Transponder	Repair and verification of WRAs, removal and replacement of SRAs by use of the AN/UPM-155 IFF Radar Test Set
AN/APN-171 and AN/APN-171(V) Radar Altimeter (LO)	Test, check, and repair using the W104488-1, Radar Altimeter Test Set
AN/APX-72 IFF Transponder Set	Repair and verification of WRAs, removal and replacement of SRAs by use of the AN/UPM-155 IFF Radar Test Set
AN/ARA-25A Auto Direction Finder	Test, check, and repair using the 522-0013-005, C-1296/ARM-9 Test Set
AN/ARN-118 NAV Receiver (TACAN)	<ol style="list-style-type: none"> <li>1. Test, check, and repair using the 622-1789-001, 972V Test Set</li> <li>2. Test, check, and repair using the 8000000066, AN/ARM-156 Test Set</li> </ol>
AN/ARN-59(V) Auto Direction Finder (LF)	Depot level repair only
9813-16 Indicator, Bearing (BDHI)	Depot level repair only
9819-38 Indicator, Attitude (ADI)	Depot level repair only
C-12284/A Control-Display NAV Unit (CDNU)	Depot level repair only

<b>SYSTEM</b>	<b>INTERMEDIATE MAINTENANCE REQUIREMENTS</b>
C-12420/A Control, Radio Set	Depot level repair only
C-12421/A Control, Radio Set	Depot level repair only
ID-2529/A Indicator, Navigational Hover	Depot level repair only
AN/ALE-39 CN Dispenser, CHAFF	1. 8693, TS-2614/ALM-70 Test Set 2. 3100304-001-101, AN/ALM-164 Test Set 3. 3100504-001-101, AN/ALM-224 Test Set
AN/ALQ-157(V) Infrared IR Jammer	Depot level repair only
AN/APR-39(V)1 Radar Warning Receiver	1. SM-C-877251, Radar Signal Simulator Gun 2. SM-D-877147, MX-9848 Test Set
LTN-211 NAV Receiver (OMEGA/VLF)	Depot level repair only
AN/APN-217(V) Doppler Radar Navigation Set	Depot level repair only
TAS-2600 True Airspeed System	Depot level repair only

**(1) Preventive Maintenance.** Preventive maintenance is performed by AIMD per the appropriate MRCs. Preventive maintenance at the intermediate level includes non-destructive inspection procedures, functional testing, and inspection of life support systems, and inspection and treatment for corrosion of removed WRAs and other components.

**(2) Corrective Maintenance.** Corrective maintenance actions performed in support of organizational activities by AIMD host activities include repair, test, and modification of aeronautical equipment, calibration of support equipment, and disposition of assets from stricken aircraft. The AIMD verifies faulty WRAs, isolates the fault to a SRA or component using the appropriate test equipment, replaces defective SRAs or components, and repairs and overhauls engines and other major aircraft components. Corrective maintenance is performed to verify faulty WRAs, fault-isolate to an SRA or component using automatic test equipment or other appropriate test equipment, and replace defective SRAs or components.

**c. Depot.** Depot level maintenance consists of major overhaul or complete rebuilding, manufacture, or modification of parts, assemblies, subassemblies, and end items



beyond the capability of intermediate level maintenance. NADEP Cherry Point provides depot level maintenance for the H-46 Helicopter.

**d. Interim Maintenance.** NA

**e. Life Cycle Maintenance Plan.** The H-46 Helicopter is on a five-year SDLM cycle. At the end of a 60-month service period, an Aircraft Service Period Adjustment (ASPA) inspection is performed. Aircraft found to be in satisfactory material condition will be granted a 12-month period extension, whereupon another ASPA inspection is performed. This process continues until an aircraft fails the ASPA inspection and is inducted into standard rework.

**3. Manning Concept.** The manning concept for the CH-46D and CH-46E Helicopters will not change due to the DCU modification program. Manpower requirements for the CH-46D and CH-46E Helicopters are driven by total preventive and corrective maintenance requirements, required operational capabilities, and the projected operational environment. Manpower requirements for the CH-46D and CH-46E Helicopters are dictated by the deployment workload of 24-hour daily organizational level servicing during cyclic flight operations. The basic watch conditions consist of two sections, each responsible for a 12-hour period.

Current manpower requirements for Navy squadrons are identified in each applicable Activity Manpower Document (AMD). Navy H-46 Activity Manpower requirements were obtained from the Total Force Manpower Management System (TFMMS). The following activities AMDs were used in this report.

Operational Activities:

HC-3 .....	UIC 09822
HC-3 Neutral Duty Component ..	UIC 48161
HC-5 .....	UIC 09823
HC-5 Sea Component.....	UIC 52961
HC-6 .....	UIC 0381A
HC-6 Shore Component .....	UIC 31242
HC-8 .....	UIC 55218
HC-8 Sea Component.....	UIC 55219
HC-11 .....	UIC 53920
HC-11 Det.....	UIC 39486
HC-11 Sea Component.....	UIC 42300

Marine Corps squadron manpower requirements are identified in each applicable Table of Organization (T/O). Marine Corps H-46 Activity Manpower requirements were obtained from the following T/Os:

Operational Activities:

HMM Squadron, 6 East Coast/8 West Coast ...	T/O 8940
HMM-764 2 Squadrons West Coast .....	T/O 8940A
HMM-774 2 Squadrons East Coast .....	T/O 8940B
HMX-1 Quantico .....	T/O 8990
VMR-1 .....	T/O 8344
HMMT-164.....	T/O 8597

The number of positions requiring manning are dictated by the deployment workload demanding 24 hours of organizational level servicing during cyclic flight operations. The basic watch conditions consist of two sections, each responsible for a twelve-hour period. The manning for such positions is based on Maintenance Man-Hours Per Flight Hour. Squadron missions vary, using either all squadron aircraft assets or separate aircraft detachment deployments, as stated in the ROC/POE. Enlisted personnel from aviation maintenance ratings with Navy Enlisted Classification (NEC) codes 8215 and 8216, and Military Occupational Specialty (MOS) 6172 perform H-46 Helicopter aircrew duties. Organizational level maintenance is performed by enlisted personnel from aviation maintenance ratings with NECs 7225, 8379, and 8879; and MOSs 6112, 6152, 6322, and 6531. Enlisted personnel from various intermediate maintenance facilities perform intermediate level maintenance.

**4. Training Concept.** Training for the CH-46D Helicopter pilot and aircrew is controlled by the Navy and is conducted by HC-3, NAS North Island. Organizational maintenance training on the CH-46D Helicopter is provided by MTU 1028 NAMTRAU North Island.

Pilot and aircrew training for the CH-46E Helicopter is controlled by the Marine Corps and is taught at HMMT-164, MCAS Camp Pendleton. Maintenance training for the CH-46E Helicopter is taught at MTU 1027 NAMTRAGRU DET CH-46 FREST, New River.

Intermediate level maintenance training for both H-46 Helicopter models is provided by MTUs located at various NAMTRAUs and NAMTRAGRU DETs around the country.

The established training concept for most aviation maintenance training divides “A” School courses into two or more segments called *Core* and *Strand*. Many organizational level “C” School courses are also divided into separate *Initial* and *Career* training courses. “A” School *Core* courses include general knowledge and skills training for the particular rating, while “A” School *Strand* courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student’s fleet activity destination. *Strand* training immediately follows *Core* training and is part of the “A” School. Upon completion of *Core* and *Strand* “A” Schools, graduates going to organizational level activities attend the appropriate *Initial* “C” School for additional specific training. *Initial* “C” School training is intended for

students in paygrades E-4 and below. *Career* “C” School training is provided to organizational level personnel, E-5 and above, to enhance skills and knowledge within their field. “A” School graduates going to intermediate level activities attend the appropriate intermediate level “C” School. Intermediate level “C” Schools are not separated into *Initial* and *Career* courses.

Training track titles and lengths depicted throughout this document were obtained from the latest available OPNAV Aviation Training Management System (OATMS) data. In cases where the training track title or track length differ by training location, the track model manager data was used. Information from OATMS regarding H-46 Career Organizational courses is not included in this NTSP.

**Note:** Current course data was provided from NAMTRAGRU Headquarters. Some of the course/tracks have not been updated in CANTRAC and OATMS. In 1998, N889 exempted the H-46 community from converting to the Initial and Career Course format. The primary reason was the cross-training requirements between the Navy and Marine Corps. Career Courses identified in CANTRAC and OTAMS are not included in this NTSP.

Student throughputs for Navy and Marine Pilot training in Parts II.B.1 and III.A.2 are based on training 50 percent Category 1 students, 30 percent Category 2 students, and 20 percent Category 3 students. For Navy enlisted Aircrew, student throughput is based on training 60 percent Category 1 students and 40 percent Category 2 students.

**a. Initial Training.** All initial training for the DCU, NVG-HUD, AN/ARC-210 Radio Protection, and CNCS has been completed. All organizational and intermediate level maintenance courses affected by these changes have been revised.

## **b. Follow-on Training**

### **(1) Operator**

<b>Title .....</b>	<b>H-46 Fleet Readiness Squadron (FRS) Pilot Instructor Under Training (IUT)</b>
<b>CIN .....</b>	E-2C-2408
<b>Model Manager ...</b>	HC-3
<b>Description .....</b>	<p>This course provides the Pilot the knowledge and skills including:</p> <ul style="list-style-type: none"><li>◦ Instructional Techniques</li><li>◦ Flight Training</li><li>◦ Crew Tactics and Safety</li><li>◦ Communications and Navigation</li><li>◦ Naval Air Training and Operating Procedures Standardization (NATOPS)</li></ul> <p>Upon completion, the student will be able to perform as an H-46 Pilot Instructor in a training environment.</p>
<b>Location .....</b>	HC-3, NAS North Island
<b>Length .....</b>	52 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	1311
<b>TTE/TD .....</b>	Operational Flight Trainer (2F117B)
<b>Prerequisites .....</b>	<ul style="list-style-type: none"><li>◦ Designated Naval Helicopter Pilot</li><li>◦ Designated Medical Service Group I or II Naval Aviator</li><li>◦ Secret clearance</li></ul>

**Title .....** **CH-46 Fleet Replacement Pilot (FRP) Category I Pipeline**

CIN ..... E-2C-2411

Model Manager ... HC-3

Description ..... This course provides training to the first tour CH-46 Replacement Pilot, including:

- Flight Training
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.

Location ..... HC-3, NAS North Island

Length ..... 135 days

RFT date ..... Currently available

Skill identifier ..... 1311

TTE/TD ..... Operational Flight Trainer (2F117B)

Prerequisites ..... ◦ Designated Naval Helicopter Pilot  
 ◦ Designated Medical Service Group I or II Naval Aviator  
 ◦ Secret clearance

**Title .....** **H-46 Fleet Replacement Pilot (FRP) Category II Pipeline**

CIN ..... E-2C-2412

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Model Manager ... HC-3

Description ..... This course provides training to the second tour H-46 Replacement Pilot, including:

- Flight training
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.

Location ..... HC-3, NAS North Island

Length ..... 92 days

RFT date ..... Currently available

Skill identifier ..... 1311

TTE/TD ..... Operational Flight Trainer (2F117B)

Prerequisites ..... 
 

- E-2C-2411, H-46 Fleet Replacement Pilot (FRP) Category I Pipeline
- C-322-0042, Aircrew Procedures Trainer (APT)-Helo Refresher
- C-9E-1226, Naval Aviation Survival Training Program (NASTP) R-3
- E-2G-3001, Helicopter Detachment OIC DHD

**Title ..... H-46 Fleet Replacement Pilot (FRP) Category IV Pipeline**

CIN ..... E-2C-2413

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Model Manager ... HC-3

Description ..... This course provides training to the H-46 Replacement Pilot, including:

- Flight training
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.

Location ..... HC-3, NAS North Island

Length ..... 74 days

RFT date ..... Currently available

Skill identifier ..... 1311 or 1312

TTE/TD ..... Operational Flight Trainer (2F117B)

Prerequisites .....   ◦ E-2C-2411, H-46 Fleet Replacement (FRP) Category I Pipeline  
                                   ◦ C-322-0042, Aircrew Procedures Trainer (APT)-Helo Refresher  
                                   ◦ C-9E-1226, Naval Aviation Survival Training Program (NASTP) R-3  
                                   ◦ Secret clearance

**Title ..... Modified CH-46 Pilot Training**

CIN NA-1

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Model Manager ... HMMT-164

Description ..... This track provides training necessary for qualifying the designated Marine CH-46 Helicopter Pilot that has been out of type for more than 12 months but less than 18 months to perform assigned missions. Training consists of:

- Practical application of ground training
- Helicopter familiarization
- Instrument and navigation training
- Night vision devices
- NATOPS check

Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.

Location ..... HMMT-164, MCAS Camp Pendleton

Length ..... 68 days

RFT date ..... Currently available

Skill identifier ..... MOS 7562

TTE/TD ..... Weapon System Trainer (2F173-2)

Prerequisites .....   ◦ Designated Marine Helicopter Pilot  
                                   ◦ Prior CH-46 Pilot out of type for more than 12 months but less than 18 months  
                                   ◦ Final Secret clearance

<b>Title .....</b>	<b>Refresher CH-46 Pilot Training</b>
CIN .....	NA-2
Model Manager ...	HMMT-164
Description .....	<p>This track provides training necessary for qualifying the designated Marine CH-46 Helicopter Pilot that has been out of type for more than 18 months to perform assigned missions. Training consists of:</p> <ul style="list-style-type: none"> <li>◦ Practical application of ground training</li> <li>◦ Helicopter familiarization</li> <li>◦ Instrument and navigation training</li> <li>◦ Night vision devices</li> <li>◦ NATOPS check</li> </ul> <p>Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.</p>
Location .....	HMMT-164, MCAS Camp Pendleton
Length .....	68 days
RFT date .....	Currently available
Skill identifier .....	MOS 7562
TTE/TD .....	Weapon System Trainer (2F173-2)
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ Designated Marine Helicopter Pilot</li> <li>◦ Prior CH-46 Pilot out of type for more than 18 months</li> <li>◦ Final Secret clearance</li> </ul>



**Title .....** **Basic CH-46 Pilot Training**

CIN ..... NA-3

Model Manager ... HMMT-164

Description ..... This track provides training necessary for qualifying the designated Marine Helicopter Pilot to perform assigned CH-46 Helicopter missions. Training consists of:

- Practical application of ground training
- Helicopter familiarization
- Instrument and navigation training
- Night vision devices
- NATOPS check

Upon completion, the student will be able to perform as an H-46 Pilot in a squadron environment.

Location ..... HMMT-164, MCAS Camp Pendleton

Length ..... 138 days

RFT date ..... Currently available

Skill identifier ..... MOS 7562

TTE/TD ..... Weapons System Trainer (2F173-2)

Prerequisites ..... ◦ Designated Marine Helicopter Pilot  
◦ Secret clearance

**Title .....** **H-46D Fleet Replacement Aircrewman (FRAC)  
Category I**

CIN ..... E-050-0011

Model Manager ... HC-3

Description ..... This track provides training to the first tour Aircrewman, including:

- Academic instruction pertaining to systems and mission specific preparation lessons
- External cargo/VERTREP
- Hoist
- Doppler/SAR
- Night vision device operations
- NATAOPS

Upon completion, the student will be able to perform as an H-46 Aircrewmen in a squadron environment.

Location .....	HC-3, NAS North Island
Length .....	68 days
RFT date .....	Currently available
Skill identifier .....	NEC 8216
TTE/TD .....	NA
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ Q-050-1500, Naval Aircrewman Candidate School</li> <li>◦ Secret clearance</li> </ul>
 <b>Title .....</b>	 <b>H-46D Fleet Replacement Aircrewman (FRAC) Category II</b>
CIN .....	E-050-0020
Model Manager ...	HC-3
Description.....	<p>This track provides training to the second tour Naval Aircrewman, including</p> <ul style="list-style-type: none"> <li>◦ Academic instruction pertaining to systems and mission specific preparation lessons</li> <li>◦ External cargo/VERTREP</li> <li>◦ Hoist</li> <li>◦ Doppler/SAR</li> <li>◦ Night vision device operations</li> <li>◦ NATAOPS</li> </ul> <p>Upon completion, the student will be able to perform as an H-46 Aircrewmen in a squadron environment.</p>
Location .....	HC-3, NAS North Island
Length .....	38 days
RFT date .....	Currently available
Skill identifier .....	NEC 8216
TTE/TD .....	NA
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ Designated 8216 (H-46 Naval Aircrewman)</li> <li>◦ E-050-2400, H-46 Fleet Replacement Aircrew Category I Pipeline</li> </ul>

**Title .....** **H-46 Aircrewman Instructor Under Training (IUT)**

CIN ..... E-050-0021

Model Manager ... HC-3

Description ..... This track provides training to the H-46 FRS Instructor Aircrewman, including:

- Academic instruction on systems and instructional techniques
- Four IUT flights for evaluation

Upon completion, the student will be able to perform as an H-46 Aircrewman instructor in a training environment.

Location ..... HC-3, NAS North Island

Length ..... 50 days

RFT date ..... Currently available

Skill identifier ..... NEC 8216

TTE/TD ..... NA

Prerequisites ..... ◦ Designated 8216 (VERTREP Aircrewman)

- C-012-0011, Instructor Training
- E-050-2400, H-46 Fleet Replacement Aircrew Category I Pipeline

**Title .....** **H-46 Fleet Replacement Aircrewman (FRAC) Category I Pipeline**

CIN ..... E-050-2400

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Model Manager ... HC-3

Description ..... This track provides training to the first tour H-46 Replacement Aircrew, including:

- Academic instruction pertaining to aircraft systems
- Practical application of ground training
- External cargo/VERTREP
- Hoist
- Doppler/SAR
- NVD Operations
- NATOPS Evaluation

Upon completion, the student will be able to perform as an H-46 Aircrewman in a squadron environment.

Location ..... HC-3, NAS North Island

Length ..... 73 days

RFT date ..... Currently available

Skill identifier ..... NEC 8216

TTE/TD ..... NA

Prerequisites ..... 
 

- B-322-0042, Refresher Aerospace Physiology Helicopter Training
- Q-050-1500, Naval Aircrewman Candidate School
- Q-050-0600, Aviation Rescue Swimmer School CAT-1
- B-9E-1226, Naval Aviation Water Survival Program
- D/E-2D-0039, Survival, Evasion, Resistance, and Escape

**Title ..... H-46 Fleet Replacement Aircrewman (FRAC) Category II Pipeline**

CIN ..... E-050-2401

Model Manager ... HC-3

Description ..... This track provides training to the second tour Aircrewman, including.

- Academic instruction pertaining to aircraft systems
- Practical application of ground training
- External cargo/VERTREP
- Hoist
- Doppler/SAR
- NVD Operations
- NATOPS Evaluation

Upon completion, the student will be able to perform as an H-46 Aircrewman in a squadron environment.

Location ..... HC-3, NAS North Island

Length ..... 43 days

RFT date ..... Currently available

Skill identifier ..... NEC 8216

TTE/TD ..... NA

Prerequisites ..... ° E-050-2400, CH-46D Fleet Replacement Aircrewman Category 1 Pipeline  
 ° B-322-0042, Refresher Aerospace Physiology Helicopter Training  
 ° B-9E-1226, Naval Aviation Water Survival Program  
 ° Q-050-0604, Rescue Swimmer Refresher (if filling a SAR billet)

**Title ..... CH-46 Crew Chief Training Syllabus**

CIN ..... M-601-2415

Model Manager ... HMMT-164

Description ..... This track provides training to the CH-46 Aircraft Crew Chief, including:

- ° Flight line procedures
- ° Pre-flight and post-flight inspection, and all other required inspections
- ° Aircraft taxi and servicing training

Upon completion, the student will be able to perform as an H-46 Aircraft Crew Chief in a squadron environment.

Location ..... HMMT-164 FREST, MCAS Camp Pendleton

Length ..... 179 days

RFT date ..... Currently available

Skill identifier ..... MOS 6172

TTE/TD ..... Weapon System Trainer (2F173-1)

Prerequisites ..... ° C-601-2011, Aviation Machinist's Mate Common Core Class A1  
 ° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

<b>Title .....</b>	<b>H-46 Aircraft Familiarization</b>
CIN .....	C-2D-3418
Model Manager ...	NAMTRAGRU DET New River
Description .....	<p>This course provides refresher training to Officer and Senior Enlisted Aircrew who have been away from the H-46 Helicopter program and are returning, including:</p> <ul style="list-style-type: none"> <li>◦ Introduction</li> <li>◦ Mechanical and Related Systems</li> <li>◦ Aircraft Hydraulics Systems</li> <li>◦ Aircraft Electrical and Related Systems</li> <li>◦ Automatic Flight Controls and CNI</li> </ul> <p>Upon completion of this course the student will be able to perform in normal squadron operations.</p>
Location .....	MTU 1027 NAMTRAGRU DET New River
Length .....	5 days
RFT date .....	Currently available
Skill identifier .....	None
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ H-46 Composite Trainer</li> <li>◦ Electrical Distribution System Trainer H-46E</li> <li>◦ CH-46 Flight Control System Trainer</li> </ul>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ Designated Naval Aviator, or</li> <li>◦ E-6 and above aircrew and maintenance personnel, MOS 6112, 6152, 6322, and 6531</li> </ul>

## (2) Organizational Maintenance

Title .....	<b>H-46D Aircraft Communication/Navigation/ Identification Systems Organizational Maintenance</b>
CIN .....	E-102-2422
Model Manager ...	NAMTRAU North Island
Description .....	<p>This track provides training to the Aviation Electronics Technician, including:</p> <ul style="list-style-type: none"><li>◦ Aircraft Communication/Identification</li><li>◦ Aircraft Navigation Systems</li></ul> <p>Upon completion of this course, the student will be able to perform as an H-46 CNI technician in a squadron environment under limited supervision.</p>
Location .....	MTU 1028 NAMTRAU North Island
Length .....	23 days
RFT date .....	Currently available
Skill identifier .....	AT 8379
TTE/TD .....	<ul style="list-style-type: none"><li>◦ CH-46 Composite Maintenance Trainer</li><li>◦ AN/AIC-14 (CH-46) Trainer Unit</li></ul>
Prerequisites .....	C-100-2018, Avionics Technician O Level Class A1

<b>Title .....</b>	<b>CH-46 Communication/Navigation/Identification Systems Organizational Maintenance</b>
<b>CIN .....</b>	M-102-2424
<b>Model Manager ...</b>	NAMTRAGRU DET New River
<b>Description .....</b>	<p>This track provides training for newly assigned H-46 Avionics Technicians in all aspects of the communications, navigation, and identification systems, including:</p> <ul style="list-style-type: none"> <li>◦ System characteristics</li> <li>◦ Component location</li> <li>◦ Operating and troubleshooting</li> <li>◦ Safety procedures</li> </ul> <p>Upon completion of this course, Avionics Technicians will be able to perform in a squadron environment under supervision.</p>
<b>Location .....</b>	MTU 1027 NAMTRAGRU DET New River
<b>Length .....</b>	85 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	MOS 6322
<b>TTE/TD .....</b>	<ul style="list-style-type: none"> <li>◦ CH-46 Composite Maintenance Trainer</li> <li>◦ AN/AIC-14 (CH-46) Trainer Unit</li> </ul>
<b>Prerequisites .....</b>	<ul style="list-style-type: none"> <li>◦ C-100-2018, Avionics Technician O Level Class A1</li> <li>◦ Confidential clearance</li> </ul>



<b>Title .....</b>	<b>H-46 Electrical and Instruments Organizational Maintenance</b>
<b>CIN .....</b>	M-102-2450
<b>Model Manager ...</b>	NAMTRAGRU DET New River
<b>Description .....</b>	<p>This track provides training to the H-46 Aviation Electrician's Mate, including:</p> <ul style="list-style-type: none"> <li>◦ System characteristics</li> <li>◦ Component location</li> <li>◦ Operating and troubleshooting</li> <li>◦ Safety procedures</li> </ul> <p>Upon completion, the student will be able to perform as an Organizational Maintenance Technician in a squadron environment under limited supervision.</p>
<b>Location .....</b>	MTU 1027 NAMTRAGRU DET New River
<b>Length .....</b>	58 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	AE 8379
<b>TTE/TD .....</b>	<ul style="list-style-type: none"> <li>◦ CH-46 Composite Maintenance Trainer</li> <li>◦ AN/AIC-14 (CH-46) Trainer Unit</li> </ul>
<b>Prerequisites .....</b>	C-602-2039, Aviation Electrician's Mate O Level Strand Class A1

<b>Title .....</b>	<b>H-46 Plane Captain/Non-Designated Airman Organizational Maintenance</b>
<b>CIN .....</b>	E-600-2401
<b>Model Manager ...</b>	NAMTRAU North Island
<b>Description .....</b>	<p>This track provides training to maintenance personnel on flight line preparation of the H-46 Helicopter for flight, including:</p> <ul style="list-style-type: none"> <li>◦ Component location</li> <li>◦ Purpose</li> <li>◦ Servicing</li> <li>◦ Cleaning</li> <li>◦ Preflight, daily, and post flight inspections</li> <li>◦ Line safety</li> </ul> <p>Upon completion, the student will be able to perform as an H-46 Plane Captain in a squadron environment under supervision.</p>
<b>Location .....</b>	MTU 1028 NAMTRAU North Island
<b>Length .....</b>	23 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	Airman (AN)
<b>TTE/TD .....</b>	CH-46 Composite Maintenance Trainer
<b>Prerequisites.....</b>	A-950-0069, Airman Apprentice Training

<b>Title .....</b>	<b>H-46D Helicopter Mechanic Organizational Maintenance</b>
<b>CIN .....</b>	E-601-2412
<b>Model Manager ...</b>	NAMTRAU North Island
<b>Description .....</b>	<p>This course provides training to the H-46 Aviation Machinist's Mate, including:</p> <ul style="list-style-type: none"> <li>◦ Component purpose</li> <li>◦ Component location</li> <li>◦ Repair procedures</li> </ul> <p>Upon completion the student will be able to perform as an H-46 Technician in a squadron environment under limited supervision.</p>
<b>Location .....</b>	MTU 1028 NAMTRAU North Island
<b>Length .....</b>	36 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	AD 8379
<b>TTE/TD .....</b>	<ul style="list-style-type: none"> <li>◦ CH-46 Composite Maintenance Trainer</li> <li>◦ Sigma II Tail Section Trainer</li> <li>◦ T58-GE-10 Engine Condition and Power Management System</li> <li>◦ APU Trainer</li> <li>◦ APU System Trainer</li> <li>◦ Flight Control and Drive System Trainer</li> </ul>
<b>Prerequisites.....</b>	C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

<b>Title .....</b>	<b>CH-46 Power Plants, Power Trains, and Rotors Organizational Maintenance</b>
<b>CIN .....</b>	M-601-2414
<b>Model Manager ...</b>	NAMTRAGRU DET New River
<b>Description .....</b>	<p>This track provides training to newly assigned Aviation Machinist's Mates in all aspects of the H-46 Power Plants, Power Trains, and Rotors organizational maintenance including:</p> <ul style="list-style-type: none"> <li>◦ Removal and replacement of components</li> <li>◦ Safety procedures</li> <li>◦ Nomenclature of components</li> <li>◦ System operations</li> </ul> <p>Upon completion, the student will be able to perform as an H-46 Power Plants Mechanic in a squadron environment under supervision.</p>
<b>Location .....</b>	MTU 1027 NAMTRAGRU DET New River
<b>Length .....</b>	93 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	<ul style="list-style-type: none"> <li>◦ AD 8379</li> <li>◦ MOS 6112</li> </ul>
<b>TTE/TD .....</b>	<ul style="list-style-type: none"> <li>◦ Composite Maintenance Trainer H-46E</li> <li>◦ Hydraulic APU System H-46</li> <li>◦ H-46 Flight Control and Drive System Maintenance Trainer</li> <li>◦ Sigmatail Procedures Trainer</li> </ul>
<b>Prerequisites .....</b>	C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

<b>Title .....</b>	<b>H-46D Electrical and Instrument/Automatic Flight Control Systems Organizational Maintenance</b>
<b>CIN .....</b>	E-602-2452
<b>Model Manager ...</b>	NAMTRAU North Island
<b>Description .....</b>	<p>This track provides training to the Aviation Electrician's Technician, including:</p> <ul style="list-style-type: none"> <li>◦ Electrical Power Distribution systems</li> <li>◦ Starting and Controlling systems</li> <li>◦ Utility Electrical Systems</li> <li>◦ Instruments and Indicating Systems</li> <li>◦ Engine Utility Systems</li> <li>◦ Interior and Exterior Lighting</li> <li>◦ Flight Instruments and Navigation Systems</li> <li>◦ Automatic Flight Control Systems and Interface Systems</li> </ul> <p>Upon completion the student will be able to perform organizational maintenance in a squadron environment under close supervision.</p>
<b>Location .....</b>	MTU 1028 NAMTRAU North Island
<b>Length .....</b>	53 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	AE 8379
<b>TTE/TD .....</b>	<ul style="list-style-type: none"> <li>◦ CH-46 Composite Maintenance Trainer</li> <li>◦ Automatic Flight Control System (AFCS) Computer Trainer</li> <li>◦ AFCS Line Maintenance Test Set</li> </ul>
<b>Prerequisites.....</b>	C-602-2039, Aviation Electrician's Mate O Level Strand Class A1

Title .....	<b>H-46D Structure/Hydraulics and Related Systems Organizational Maintenance</b>
CIN .....	E-602-2483
Model Manager ...	NAMTRAU North Island
Description .....	<p>This track provides training to the Aviation Structural Mechanic, including:</p> <ul style="list-style-type: none"> <li>◦ Airframe Structures maintenance</li> <li>◦ Utility Hydraulic Power and Related Systems</li> <li>◦ Flight Control systems maintenance</li> <li>◦ Landing Gear maintenance</li> <li>◦ Fiberglass Rotor Blade</li> </ul> <p>Upon completion the student will have sufficient knowledge to perform organizational level maintenance on the CH-46D Helicopter Hydraulic, Airframe, Utilities, and Rotor Systems in a squadron environment under close supervision.</p>
Location .....	MTU 1028 NAMTRAU North Island
Length .....	43 days
RFT date .....	Currently available
Skill identifier .....	<ul style="list-style-type: none"> <li>◦ AMH 8379</li> <li>◦ AMS 8379</li> </ul>
TTE/TD .....	CH-46 Composite Maintenance Trainer
Prerequisites.....	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1</li> </ul>

<b>Title .....</b>	<b>Helicopter Airframe Mechanic CH-46</b>
CIN .....	M-602-2486
Model Manager ...	NAMTRAGRU DET New River
Description .....	<p>This track provides training to newly assigned Airframes Technicians, including:</p> <ul style="list-style-type: none"> <li>◦ Introduction to the H-46 Structural, Hydraulic Power and Related Systems</li> <li>◦ Airframe Structures maintenance</li> <li>◦ Utility Hydraulic Power and Related Systems</li> <li>◦ Flight Control System maintenance</li> <li>◦ Landing Gear and Brake System maintenance</li> <li>◦ Hydraulic Contamination Program</li> </ul> <p>Upon completion of this course, the student will be able to perform maintenance on the CH-46 Helicopter in a squadron environment under supervision.</p>
Location .....	MTU 1027, NAMTRAGRU DET New River
Length .....	61 days
RFT date .....	Currently available
Skill identifier .....	<ul style="list-style-type: none"> <li>◦ AMH 8379</li> <li>◦ AMS 8379</li> <li>◦ MOS 6152</li> </ul>
TTE/TD .....	CH-46 Composite Maintenance Trainer
Prerequisites.....	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Level Strand Class A1</li> </ul>

<b>Title .....</b>	<b>H-1 Armament Systems Maintenance</b>
CIN .....	M-646-2044
Model Manager ...	NAMTRAGRU DET Camp Pendleton
Description .....	<p>This track provides training to Aviation Ordnance Technicians, including:</p> <ul style="list-style-type: none"> <li>◦ Testing procedures</li> <li>◦ Emergency procedures</li> <li>◦ Scheduled and unscheduled maintenance procedures</li> </ul> <p>Upon completion, the student will be able to perform Armament Systems organizational maintenance in a squadron environment under supervision.</p>
Location .....	MTU 1030 NAMTRAGRU DET Camp Pendleton
Length .....	65 days
RFT date .....	Currently available
Skill identifier .....	MOS 6531
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ AH-1W Consolidated Maintenance Trainer Model 667</li> <li>◦ UH-1N Composite Maintenance Trainer</li> </ul>
Prerequisites.....	C-646-2012, Aviation Ordnanceman Airwing Strand Class A1



## (2) Intermediate Maintenance

<b>Title .....</b>	<b>Aircraft Communications Equipment Intermediate Maintenance</b>
<b>CIN .....</b>	M-102-6412
<b>Model Manager ...</b>	Marine Attack Training Squadron (VMAT)-203
<b>Description .....</b>	<p>This track provides Avionics Technicians intermediate level training on aircraft transceivers and receivers, including:</p> <ul style="list-style-type: none"><li>◦ Troubleshooting</li><li>◦ Maintenance procedures for the AN/ARC-159, AN/ARC-182, AN/ARC-131, and the RT-648 ARC94</li><li>◦ Theory of operation</li><li>◦ Shop safety</li></ul> <p>Upon completion the student will be able to perform as an Aircraft Communications Equipment Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	MTU 3001 NAMTRAGRU DET Cherry Point, North Carolina
<b>Length .....</b>	82 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	<ul style="list-style-type: none"><li>◦ AT 6613</li><li>◦ MOS 6412</li></ul>
<b>TTE/TD .....</b>	NA
<b>Prerequisites.....</b>	C-100-2017, Avionics Technician I Level Class A1

<b>Title .....</b>	<b>Aircraft Navigation Systems Equipment Intermediate Maintenance</b>
<b>CIN .....</b>	M-102-6413
<b>Model Manager ...</b>	VMAT-203
<b>Description .....</b>	<p>This track provides training to the Avionics Technician on aircraft Transponder, TACAN, Radar Identification, and Radar Altimeter systems, including:</p> <ul style="list-style-type: none"> <li>◦ Theory of operation and maintenance procedures for the AN/ARC-118, AN/APX-72, and AN/APN-194</li> <li>◦ Shop safety</li> <li>◦ Publication usage</li> <li>◦ Maintenance documentation</li> </ul> <p>Upon completion the student will be able to perform as an Aircraft Navigation Systems Equipment Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	MTU 3001 NAMTRAGRU DET Cherry Point
<b>Length .....</b>	65 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	MOS 6413
<b>TTE/TD .....</b>	NA
<b>Prerequisites .....</b>	C-100-2017, Avionics Technician I Level Class A1

<b>Title .....</b>	<b>Helo Deceptive Electronic Countermeasures Intermediate Maintenance</b>
<b>CIN .....</b>	M-102-6483
<b>Model Manager ...</b>	VMAT-203
<b>Description .....</b>	<p>This track provides training to the Aviation Electrician, including operation, test and repair of the:</p> <ul style="list-style-type: none"> <li>◦ AN/ALE-39 Countermeasures Dispensing System</li> <li>◦ AN/APR-39(V)1 Radar Signal Detective Set</li> <li>◦ AN/ALQ-144(V)1 Countermeasures Set</li> <li>◦ AN/ALQ157 IR Jammer</li> </ul> <p>Upon completion the student will be able to perform as a Helo Deceptive Electronic Countermeasure Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	MTU 3001 NAMTRAGRU DET Cherry Point
<b>Length .....</b>	75 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	MOS 6483
<b>TTE/TD .....</b>	NA
<b>Prerequisites.....</b>	<ul style="list-style-type: none"> <li>◦ C-100-2017, Avionics Technician I Level Class A1</li> <li>◦ Secret Clearance</li> </ul>

<b>Title .....</b>	<b>T-58 Engine First Degree Intermediate Maintenance</b>
<b>CIN .....</b>	<b>M-601-3024</b>
<b>Model Manager ...</b>	<b>NAMTRAGRU DET, MCAS New River</b>
<b>Description .....</b>	<p>This track provides training to newly assigned Aviation Machinist's Mates in all aspects of the T-58 Engine First Degree Intermediate Maintenance, including:</p> <ul style="list-style-type: none"> <li>◦ Testing</li> <li>◦ Inspection</li> <li>◦ Repair and performance</li> </ul> <p>Upon completion the student will be able to perform as a T-58 Engine First Degree Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	<b>MTU 1027 NAMTRAGRU DET New River</b>
<b>Length .....</b>	<b>32 days</b>
<b>RFT date .....</b>	<b>Currently available</b>
<b>Skill identifier .....</b>	<b>MOS 6122</b>
<b>TTE/TD .....</b>	<b>NA</b>
<b>Prerequisites.....</b>	<b>C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</b>

<b>Title .....</b>	<b>Helicopter Dynamic Component Intermediate Maintenance</b>
<b>CIN .....</b>	M-601-3090
<b>Model Manager ...</b>	HMT-302 FREST
<b>Description .....</b>	<p>This track provides training to Aviation Machinist's Mates, including maintenance of:</p> <ul style="list-style-type: none"> <li>◦ Rotary Wing Head</li> <li>◦ Swashplate</li> <li>◦ Longitudinal Differential Bellcrank and Collective Pitch Yoke Assembly</li> </ul> <p>Upon completion the student will be able to perform as a Helicopter Dynamic Component Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	MTU 1032 NAMTRAGRU DET, McCutcheon Field, North Carolina
<b>Length .....</b>	29 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	<ul style="list-style-type: none"> <li>◦ AD 6428</li> <li>◦ MOS 6132</li> </ul>
<b>TTE/TD .....</b>	NA
<b>Prerequisites.....</b>	C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

**Note:** The following training track M-602-5812 is being combined with the track M-602-5811. The new course will be taught at NAMTRAGRU DET Camp Pendelton under the Course Identification Number (CIN) M-602-5811 and will be ready for training in FY01. Course data will be included in future iterations of this document.

<b>Title .....</b>	<b>CH-53D/E and CH-46 AFCS/Electrical Equipment Intermediate Maintenance</b>
<b>CIN .....</b>	M-602-5812
<b>Model Manager ...</b>	HMT-302 FREST
<b>Description .....</b>	<p>This track provides training to Aviation Electrician's Mate including:</p> <ul style="list-style-type: none"> <li>◦ CH-46/CH-53 Electrical Components</li> <li>◦ Miscellaneous system components</li> <li>◦ AC/DC Power Systems</li> </ul> <p>Upon completion the student will be able to perform as a CH-53D/E and CH-46 AFCS/Electrical Equipment Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	MTU 1032 NAMTRAGRU DET, McCutcheon Field
<b>Length .....</b>	79 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	MOS 6433
<b>TTE/TD .....</b>	NA
<b>Prerequisites .....</b>	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-602-2042, Aviation Electrician's Mate Intermediate Maintenance Level Strand Class A1 (planned to be RFT in second quarter FY01)</li> </ul>

<b>Title</b> .....	<b>Support Equipment Electrical/Refrigeration Intermediate Maintenance</b>
CIN .....	D/E-602-7032
Model Manager .	NAMTRAU Jacksonville
Description .....	<p>This track provides training to Aviation Support Equipment Technicians to perform intermediate maintenance on the following electrical/refrigeration support equipment:</p> <ul style="list-style-type: none"> <li>◦ MEP-009A/105</li> <li>◦ ENV CTRL UNIT</li> <li>◦ A/M32C-17</li> <li>◦ ASE MMG1A</li> <li>◦ NE-10B-1/C</li> <li>◦ ASE NC8A</li> </ul> <p>Upon completion the student will be able to perform as a Support Equipment Electrical/Refrigeration Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
Locations .....	<ul style="list-style-type: none"> <li>◦ MTU 3032 NAMTRAU Jacksonville</li> <li>◦ MTU 3033 NAMTRAU North Island</li> </ul>
Length .....	106 days
RFT date .....	Currently available
Skill identifier ....	<ul style="list-style-type: none"> <li>◦ AS 7614</li> <li>◦ MOS 6073</li> </ul>
TTE/TD .....	NA
Prerequisites.....	C-602-2026, Aviation Support Equipment Technician Class A1

<b>Title .....</b>	<b>Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance</b>
<b>CIN .....</b>	D/E-602-7040
<b>Model Manager ...</b>	NAMTRAU Jacksonville
<b>Description .....</b>	<p>This track provides training to Aviation Support Equipment Technicians to perform intermediate maintenance on the following engine and gas turbine systems:</p> <ul style="list-style-type: none"> <li>◦ BT400-46 Aircraft Preheater</li> <li>◦ Support Equipment Shore Tractors</li> <li>◦ GTC-85 Engines and Enclosures</li> <li>◦ GTCP 100 Engines and Enclosures</li> <li>◦ Portable Hydraulic Power Supply</li> <li>◦ ACU-20M Low Air Compressor</li> <li>◦ A/S32K-1C/D Weapons Loader</li> <li>◦ Hydraulic Purifier (M-2)</li> </ul> <p>Upon completion the student will be able to perform as a Support Equipment Engine/Gas Turbine and Related Systems Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Locations .....</b>	<ul style="list-style-type: none"> <li>◦ MTU 3032 NAMTRAU Jacksonville</li> <li>◦ MTU 3033 NAMTRAU North Island</li> </ul>
<b>Length .....</b>	109 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	<ul style="list-style-type: none"> <li>◦ AS 7606</li> <li>◦ MOS 6072</li> </ul>
<b>TTE/TD .....</b>	NA
<b>Prerequisites.....</b>	C-602-2026, Aviation Support Equipment Technician Class A1



<b>Title .....</b>	<b>Aircraft Non-Destructive Inspection Technician Class C1</b>
<b>CIN .....</b>	C-603-3191
<b>Model Manager ...</b>	Naval Air Technical Training Center, (NATTC) Pensacola
<b>Description .....</b>	<p>This course provides training to Aviation Structural Technicians in all aspects of aircraft Non-Destructive Inspections (NDI), including:</p> <ul style="list-style-type: none"> <li>◦ Liquid Penetrate</li> <li>◦ Magnetic Particle</li> <li>◦ Eddy Current</li> <li>◦ Ultrasonic, Radiographic</li> <li>◦ Composite Material NDI</li> </ul> <p>Upon completion the student will be able to perform as an Aircraft Non-Destructive Inspection Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
<b>Location .....</b>	NATTC Pensacola
<b>Length .....</b>	102 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	<ul style="list-style-type: none"> <li>◦ AMS 7225</li> <li>◦ MOS 6044</li> </ul>
<b>TTE/TD .....</b>	NA
<b>Prerequisites .....</b>	<ul style="list-style-type: none"> <li>◦ AMS or MOS 6092</li> <li>◦ Paygrade E-4 through E-6</li> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> </ul>

<b>Title .....</b>	<b>Airframes Intermediate Maintenance</b>
CIN .....	D/E-603-4007
Model Manager ...	NAMTRAU Lemoore
Description .....	<p>This track provides intermediate level maintenance training to the Airframes Technician, including:</p> <ul style="list-style-type: none"> <li>◦ Evaluation and Repair Criteria</li> <li>◦ Repair Procedures and processes</li> </ul> <p>Upon completion the student will be able to perform as an Airframes Intermediate Maintenance Technician in a shop environment under limited supervision.</p>
Locations .....	<ul style="list-style-type: none"> <li>◦ MTU 1039 NAMTRAU Oceana</li> <li>◦ MTU 1038 NAMTRAU Lemoore</li> </ul>
Length .....	29 days
RFT date .....	Currently available
Skill identifier .....	<ul style="list-style-type: none"> <li>◦ AMS 7232</li> <li>◦ MOS 6094</li> </ul>
TTE/TD .....	NA
Prerequisites.....	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Level Strand Class A1</li> </ul>

**Title .....** **Aviation Ordnance Technician Intermediate Maintenance**

**CIN** M-646-7026

.....

**Model Manager ...** VMAT-203

**Description .....** This track provides intermediate maintenance training to Aviation Ordnance technician's, including:

- Operation of Armament Test Equipment
- Operational tests of Suspension and Releasing Equipment
- Loading and unloading of Aircraft Munitions

Upon completion the student will be able to perform as an Aviation Ordnance Intermediate Maintenance Technician in a shop environment under limited supervision.

**Location .....** MTU 3001 NAMTRAGRU DET Cherry Point

**Length .....** 79 days

**RFT date .....** Currently available

**Skill identifier .....** MOS 6541

**TTE/TD .....** NA

**Prerequisites.....** C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

The following table depicts two additional H-46 courses conducted by HC-3 and MTU 1028 that are not regularly scheduled.

<b>COURSE TITLE</b>	<b>COURSE NUMBER</b>	<b>COURSE LENGTH</b>	<b>RATING</b>
United States Naval Squadron SAR Standardization Petty Officer Training	E-050-0027	12 days	AD, AM, AME, AMH, AMS, AE, AF, AO, AV, AT
H-46 Doppler and Hover Coupler Operation and Maintenance	E-602-2482	5 days	AT

**Note 1:** The H-46 Community was exempted from teaching the Initial and Career course format by OPNAV N889. The following H-46 Career Training Tracks appear in CANTRAC and OATMS are not included in this NTSP.

M-102-2425 H-46 COM/NAV Systems Organizational Maintenance  
 E-102-2420 CH-46D Electronic System (Career) Organizational Maintenance  
 E-601-2410 CH-46D Power Plants and Related Systems (Career) Organizational Maintenance  
 E-602-2450 CH-46D Electrical Systems (Career) Organizational Maintenance  
 E-602-2480 CH-46D Hydraulics and Structures Systems (Career) Organizational Maintenance Technician

**Note 2:** The following course has been deleted from Track M-602-2486, Helicopter Airframe Mechanic CH-46, per Naval Air Maintenance Training Group Letter, 1550 Ser. N5216/0582 dated 6 April 1999.

C-603-3416 CH-46 Airframes and Utilities Organizational Maintenance Course

### c. Student Profiles

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
1311, 1312	<ul style="list-style-type: none"> <li>° Q-2A-0001, Primary Flight Training</li> <li>° Q-2A-0010, Joint T-34C Intermediate Flight Training</li> <li>° Q-2A-0013, V-4 Undergraduate Flight Training – Helo</li> <li>° Q-2A-0015, Undergraduate Helicopter Pilot Training</li> <li>° E-2D-0032, Survival, Evasion, Resistance, and Escape Training</li> <li>° J-495-0413, Shipboard Firefighting</li> <li>° E-2G-0200, Helicopter Control Officer</li> <li>° E-2G-2001, Naval Search and Rescue Officer</li> </ul>
8215	<ul style="list-style-type: none"> <li>° Q-050-1500, Naval Aircrewman Candidate School</li> </ul>
8216	<ul style="list-style-type: none"> <li>° B-322-0042, Refresher Aerospace Physiology Helicopter Training</li> <li>° Q-050-1500, Naval Aircrewman Candidate School</li> <li>° Q-050-0600, Aviation Rescue Swimmer School</li> <li>° B-9E-1226, Naval Aviation Water Survival Program</li> </ul>

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AD 8379	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> <li>° E-601-2412, CH-46D Power Plants and Related Systems Initial Organizational Maintenance Technician</li> </ul>
AD 8879	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
AE 8379	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-602-2039, Aviation Electrician's Mate O Level Strand Class A1</li> <li>° C-602-2452, CH-46D Electrical Systems Organizational Apprentice Maintenance Technician</li> </ul>
AE 8879	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-602-2039, Aviation Electrician's Mate O Level Strand Class A1</li> </ul>
AMS 7225	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Intermediate Level Strand Class A1</li> </ul>
AMH, AMS 8379	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Intermediate Level Strand Class A1</li> <li>° E-602-2483, CH-46D Airframes Systems Organizational Initial Maintenance Technician</li> </ul>
AMH, AMS 8879	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Intermediate Level Strand Class A1</li> </ul>
AT 8379	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> <li>° E-102-2422, CH-46D Electronic Systems Organizational Initial Maintenance Technician</li> </ul>

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
AT 8879	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>
MOS 7562	<ul style="list-style-type: none"> <li>° Q-2A-0001, Primary Flight Training</li> <li>° Q-2A-0010, Joint T-34C Intermediate Flight Training</li> <li>° Q-2A-0013, V-4 Undergraduate Flight Training - Helo</li> <li>° Q-2A-0015, Undergraduate Helicopter Pilot Training</li> </ul>
MOS 6072	<ul style="list-style-type: none"> <li>° C-602-2026, Aviation Support Equipment Technician Class A1</li> </ul>
MOS 6073	<ul style="list-style-type: none"> <li>° C-602-2026, Aviation Support Equipment Technician Class A1</li> </ul>
MOS 6094	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Intermediate Level Strand Class A1</li> </ul>
MOS 6112	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
MOS 6122	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
MOS 6132	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
MOS 6152	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Organizational Intermediate Level Strand Class A1</li> </ul>
MOS 6172	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
MOS 6322	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
MOS 6412	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>
MOS 6413	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>
MOS 6483	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>
MOS 6531	<ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>
MOS 6541	<ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>

**d. Training Pipelines.** With the Navy transition from H-46 to CH-60S Helicopters, the current H-46 training requirements will no longer exist. The phase-out of Navy H-46 training will occur after the (five-year) time frame of this NTSP. The Marine Corps transition to the V-22 will not affect the training requirements identified in this NTSP. Aircraft material changes incorporated by the DCU program will not affect the form, fit, or function of any existing equipment and will be transparent to the aircraft maintenance technician. The DCU program will not affect any existing training pipelines.

**I. ONBOARD (IN-SERVICE) TRAINING.** Onboard proficiency training will be conducted to improve and enhance the capabilities of individuals.

### **1. Proficiency or Other Training Organic to the New Development**

**a. Maintenance Training Improvement Program.** The Maintenance Training Improvement Program (MTIP) is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP will be replaced by the Aviation Maintenance Training Continuum System (AMTCS). Current planning is for AMTCS to begin full implementation for fleet deployment in March 2001.

**b. Aviation Maintenance Training Continuum System.** AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the

training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List (MTL) data bank. These tools are procured and fielded with appropriate COTS hardware and software, i.e., Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N889H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs. AMTCS implementation will begin with the F-14, E-2C, and all models F/A-18 aircraft. For more information on AMTCS refer to PMA205-3D3.

**c. Operator Proficiency Training.** USMC fleet pilots and aircrews maintain their proficiency in the CH-46E Helicopter through the use of simulators and in-aircraft flights. Weapon System Trainers provide a cost-effective method that allows aircrews to simulate flight conditions to develop team coordination and simulate emergency procedures in a safe environment. An H-46 Helicopter training device, the 2F173-2, is located at MCAS Camp Pendleton to allow pilots and aircrews from West Coast activities to maintain their proficiency in flight procedures. East Coast squadrons utilize a similar trainer (2F173-1) located at MCAS New River.

**2. Personnel Qualification Standards.** The Naval Education and Training Support Center, Pensacola, provides Personnel Qualification Standards (PQS).

**3. Other Onboard or In-Service Training Packages.** Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2G, maintenance training requirements. It is a performance-based, standardized, level-progressive, documented, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks help



identify training deficiencies that can be addressed with refresher training. (MATMEP is planned to be replaced by AMTCS.)

## **J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers.** This is an out of production aircraft that is supported by NADEP Cherry Point.

**2. Program Documentation.** The DCU Integrated Logistic Support Plan (ILSP), Revision C, was issued by Naval Air Systems Command PMA266, MCAS Cherry Point, on 28 February 1998.

**3. Technical Data Plan.** In support of the DCU program, Boeing Helicopters will provide changes to the technical work package manuals currently in use. Technical publications impacted by this change include NATOPS manuals, organizational and intermediate maintenance manuals, MRCs, and overhaul manuals. Commands receiving modified H-46 Helicopters with DCU improvements will receive automatic distribution of new and changed publications per Naval Air Technical Data and Engineering Service Command procedures. New maintenance plans are being developed to support DCU modifications.

**4. Test Sets, Tools, and Test Equipment.** The DCU upgrade will not require any new special test sets, special tools, special test equipment, or software support for operational or training activities.

**5. Repair Parts.** MCAS Beaufort and NAS North Island have been designated as Initial Supply Support (ISS) activities for the DCU during the period prior to Material Support Date (MSD). ISS warehouses will provide all spares and repair parts support during the interim support period. Following MSD, the Navy Inventory Control Point will provide initial procurement of government spares and repair parts, based upon the Supply Support Management Plan milestones. The MSD for DCU Parts I and III was reached in October 1996. Parts I, III, and IV have been incorporated. Parts II, V, and VI are on track to be completed in FY03.

**6. Human Systems Integration.** NA

## **K. SCHEDULES**

### **1. Schedule of Events**

**a. Navy H-46 Phase-Out.** The Navy's replacement of H-46 Helicopters with the CH-60S is scheduled to be completed by 2006. HC-5 is scheduled to be the first operational CH-60S squadron in 2002, followed by HC-6 in 2002 and HC-3 in 2003. HC-8 and HC-11 should be fully converted prior to 2006.

**b. Marine Corps Transition to the V-22.** The Marine Corps transition to the V-22 (Osprey) is scheduled for completion in 2012. The Marine Corps received its first V-22 in June 1999 and is projected to receive V-22 aircraft at an increasing rate each year, seven aircraft in FY99, 10 in FY00, 16 in FY01, 20 in FY02, and in FY03 level off at 30 units per year until FY12. The first fully operational squadrons are scheduled for FY03 (VMM-264 and VMM-162). No time frame has been identified for ending the training requirements for the CH-46E. The Marine Corps acquisition schedule for V-22 Aircraft can be viewed on the V-22 web site ([www.mr22.sra.com](http://www.mr22.sra.com)).

**c. On-Going Changes.** The current AFCs are being incorporated into the H-46 Helicopters and will continue as previously scheduled with completion planned for FY03.

**d. Installation and Delivery Schedules**

EQUIPMENT/SYSTEM	PFY	FY01	FY02	FY03	TOTAL
NVG-HUD (AFC-439)	231	0	0	0	231
AN/ARC-210(V) (AFC-441)	231	0	0	0	231
CNCS (AFC-443)	231	0	0	0	231
DCU PART 1 (AFC-433)	312	0	0	0	312
DCU PART 2 (AFC-433)	156	52	52	52	312
DCU PART 3 (AFC-433)	312	0	0	0	312
DCU PART 4 (AFC-433)	3	0	0	0	3
DCU PART 5 (AFC-433)	144	84	84	0	312
DCU PART 6 (AFC-433)	190	62	61	0	312

**e. Ready For Operational Use Schedule**

**NAVY TRANSITION TO CH-60S**

ACTIVITY	FY01	FY02	FY03	FY04	FY05
	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
HC-3	2 2 2 1	1 2	1 1 1 1	1	1 1 1

ACTIVITY	FY01	FY02	FY03	FY04	FY05
HC-5	1 2 1	3 3 2 2			
HC-6	1 1 1	1 2 2 2		1	2 2
HC-8		2	2 2 2 1	1	1 1 1
HC-11			1 2 2 2	2 2 2 1	1 1 1 1

**Note:** The schedule above is based on the CH-60S installation and delivery schedule provided by PMA205 and is subject to changes and delays. The quarterly quantity of aircraft is strictly a division of the delivery schedule into quarters. The H-46 Helicopters will be replaced on a one-for-one basis with the CH-60S.

#### MARINE CORPS TRANSITION TO V-22

ACTIVITY	FY00	FY01	FY02	FY03	FY04
	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
HMMT-204/VMMT-204	1 2 3 3	3			
HMM-264/VMM-264		2 2 2	2 1	2 1	
HMM-162/VMM-162			2 2 2	1 2 3	
HMM-266/VMM-266				1 2 3	2 2 2
HMM-261/VMM-261					3 3 3 3

**Note:** The above schedule is based on the V-22 fielding schedule from the V-22 web site and is subject to changes and delays. The quarterly quantity of aircraft is strictly a division of the delivery schedule into quarters. The H-46 Helicopters will be replaced on a one-for-one basis with the V-22.

**2. Ready For Operational Use Schedule.** The H-46 Helicopter will be Ready For Operational Use (RFOU) upon completion of SDLM or after AFC-433 incorporation by the FMT.

**3. Time Required to Install at Operational Sites.** Incorporation of one complete DCU modification kit consisting of six parts will require 1,173 man-hours. Organizational level personnel, per TYCOM direction, can install Parts I, II, and III, but Parts V and VI must be installed during SDLM. Installation of Parts III and IV has been completed.

**4. Foreign Military Sales and Other Source Delivery Schedule.** FMS is considered sensitive information. For FMS information contact PMA226.

**5. Training Device and Technical Training Equipment Delivery Schedule.** NA

**L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS.** NA

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Dynamic Component Upgrade Integrated Logistics Support Plan (ILSP)	NA	PMA226	Revision C Approved Mar 98
V-22 Osprey Joint Training Systems Plan	N-88-NTSP-A-50-8412D/A	PMA275	Approved Aug 99
Night Vision Goggles ILSP	NA	PMA226	Revision A Approved Feb 98
CH-60S Multi-Mission Helicopter Navy Training Systems Plan	N88-NTSP-A-50-9902/A	PMA299	Approved Aug 00
H-46 Communication Navigation Control System ILSP	NA	PMA226	Revision C Approved Feb 98

## PART II - BILLET AND PERSONNEL REQUIREMENTS

**Note:** Current Navy CH-46 Activities are phasing out the CH-46 Helicopter and will be transitioning to the CH-60S Helicopter during the timeframe covered by this NTSP. No specific date has been established for the termination of Navy H-46 training. The first Navy CH-60S squadrons are scheduled to be operationally ready in FY02. Completion of the Navy transition to the CH-60S is currently scheduled for FY06. The Marine Corps will also begin phasing out the CH-46 Helicopter during the timeframe covered by this NTSP. They are transitioning to the V-22 Osprey. The first squadrons (VMM-264 and VMM-162) are scheduled to be operationally ready in FY03. Completion of the V-22 Osprey transition is scheduled for FY12. Marine Corps training of the CH-46 Helicopter will continue well into the next decade. For purposes of this NTSP, HC-3 will discontinue CH-46D aircrew training in FY03. HC-3 will not decommission, but will become the CH-60 training squadron.

## PART II - BILLET AND PERSONNEL REQUIREMENTS

### II.A. BILLET REQUIREMENTS

#### II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

**BILLET SOURCE:** Total Force Manpower Management System

**DATE:** 6/1/00

**BILLET SOURCE:** Extracted from Table of Manpower Requirements, MCCDC

**DATE:** 6/1/00

ACTIVITY, UIC		PFYs	CFY01	FY02	FY03	FY04	FY05
OPERATIONAL ACTIVITIES - NAVY							
HC-6	0381A	1	0	0	0	0	0
HC-6 Shore Component	31242	1	0	0	0	0	0
HC-8	55218	1	0	0	0	0	0
HC-8 Sea Component	55219	1	0	0	0	0	0
HC-11	53920	1	0	0	0	0	0
HC-11 Det	39486	1	0	0	0	0	0
HC-11 Sea Component	42300	1	0	0	0	0	0
HC-5	09823	1	0	0	0	0	0
HC-5 Sea Component	52961	1	0	0	0	0	0
<b>TOTAL:</b>		9	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMM - Twelve Aircraft CH-46E	00000	6	0	0	0	0	0
HMM-774 (Twelve Aircraft CH-46)	67825	2	0	0	0	0	0
HMX-1	08990	1	0	0	0	0	0
VMR-1	08344	1	0	0	0	0	0
HMM - Twelve Aircraft CH-46E	00000	8	0	0	0	0	0
HMM-764 (Twelve Aircraft CH-46)	67824	1	0	0	0	0	0
<b>TOTAL:</b>		19	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
HC-3	09822	1	0	0	0	0	0
HC-3 Neutral Duty Component	48161	1	0	0	0	0	0
<b>TOTAL:</b>		2	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
HMT-164	08597	1	0	0	0	0	0
<b>TOTAL:</b>		1	0	0	0	0	0

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
HC-6, 0381A					
ACDU	50	0	1311		
	3	0	6330		
	3	0	7340		
	0	6	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8379	
	0	8	ADAN	8379	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	7	AEAN	8379	
	0	8	AK2		
	0	1	AMH1	8379	9595
	0	8	AMH2	8379	
	0	5	AMS1	8379	
	0	1	AMS1	8379	9595
	0	4	AMS2	7225	8379
	0	4	AMS3	7225	8379
	0	7	APOC		
	0	8	APO1	8216	8215
	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	6	APOAN	8216	
	0	1	AT1	8379	
	0	7	AT2	8379	
	0	6	AZ2		
	0	2	PR2		
	0	2	PR3		
	0	2	PRAN		
	0	12	AN		
ACTIVITY	56	172			
HC-6 SHORE COMPONENT, 31242					
ACDU	2	0	1312		
	2	0	1520		
	1	0	2102		
	1	0	7380		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APOC	8216	8215
	0	1	APO1		
	0	1	APO1		9590
	0	1	APO1		9595
	0	6	APO2		

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	1	AZ1		
	0	1	AZ1	6315	
	0	1	AZ2		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	1	PO2		
	0	1	PO3		
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	1	YN3		
	0	3	YNSN		
	0	16	AN		
	ACTIVITY	6	45		
HC-8, 55218					
ACDU	3	0	1312		
	2	0	1520		
	1	0	2102		
	0	1	AKCS		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	1	APOC	8379	9502
	0	1	APO1		
	0	1	APO1		9590
	0	1	APO1		9595
	0	7	APO2		
	0	1	APO2	8216	9502
	0	1	APO2	8308	9502
	0	1	APO2	8379	9502
	0	1	AZ1		
	0	1	AZ1	6315	
	0	2	AZ2		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	4	PO2		
	0	1	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	1	YN2		
	0	1	YN3		
	0	4	YNSN		
	0	12	AN		



## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	6	52			
HC-8 Sea Component, 55219					
ACDU	50	0	1311		
	3	0	6330		
	3	0	7340		
	0	8	AD1	8379	
	0	8	AD2	8379	
	0	8	AD3	8379	
	0	8	ADAN	8379	
	0	1	AE1	8379	
	0	8	AE2	8379	
	0	8	AEAN	8379	
	0	8	AK2		
	0	1	AMH1	8379	9595
	0	8	AMH2	8379	
	0	5	AMS1	8379	
	0	1	AMS1	8379	9595
	0	3	AMS2	7225	8379
	0	5	AMS3	7225	8379
	0	3	AMS3	8379	
	0	8	AMSAN	8379	
	0	7	APOC		
	0	8	APO1	8216	8215
	0	20	APO2	8216	8215
	0	22	APO3	8216	8215
	0	2	APOAN	8216	
	0	1	AT1	8379	
	0	8	AT2	8379	
	0	6	AZ2		
	0	2	PR2		
	0	4	PR3		
	0	11	AN		
ACTIVITY	56	182			
HC-11, 53920					
ACDU	2	0	1312		
	1	0	1520		
	1	0	2102		
	1	0	6330		
	1	0	7340		
	0	1	AD1	8379	
	0	1	AE1	8379	
	0	1	AK1		
	0	2	AMH1	8379	
	0	1	AMS1	8379	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	1	AMS1	8379	9595
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	1	APOCS		
	0	1	APO1		
	0	1	APO1		9595
	0	4	APO2		
	0	1	AT1	8379	
	0	1	AZ1		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	AZAN		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	1	NC1		
	0	3	PO2		
	0	3	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	1	YN3		
	0	4	YNSN		
ACTIVITY	6	42			
HC-11 Det, 39486					
ACDU	4	0	1311		
	0	1	AD1	8377	
	0	1	AD2	8377	
	0	1	AD3	8877	
	0	1	ADAN	8877	
	0	1	AE2	8377	
	0	1	AEAN	8877	
	0	1	AMH2	8377	
	0	1	AMHAN	8877	
	0	1	AMS3	8877	
	0	1	ANAN	8877	
	0	1	APOC		
	0	1	APO1	8211	8215
	0	2	APO2	8211	8215
	0	1	APO3	8211	8215
	0	1	AT2	8377	
	0	1	AZ2		
	0	1	PR2		
	0	1	AN		

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	4	19			
HC-11 Sea Component, 42300					
ACDU	63	0	1311		
	4	0	6330		
	5	0	7340		
	0	9	AD1	8379	
	0	9	AD2	8379	
	0	9	AD3	8379	
	0	9	ADAN	8379	
	0	9	AE2	8379	
	0	9	AEAN	8379	
	0	9	AK2		
	0	9	AMH2	8379	
	0	8	AMHAN	8379	
	0	2	AMS1	7225	8379
	0	7	AMS1	8379	
	0	3	AMS2	7225	8379
	0	4	AMS3	7225	8379
	0	4	AMS3	8379	
	0	1	AMSAN	8379	
	0	9	APOC		
	0	9	APO1	8216	8215
	0	27	APO2	8216	8215
	0	18	APO3	8216	8215
	0	9	AT2	8379	
	0	9	AZ2		
	0	3	PR2		
	0	3	PR3		
	0	3	PRAN		
	0	18	AN		
ACTIVITY	72	209			
HC-5, 09823					
ACDU	2	0	1312		
	1	0	2102		
	1	0	6330		
	1	0	6380		
	0	1	AKC		
	0	1	AK1		
	0	1	AK3		
	0	1	AO2	0812	
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	2	APOCS		
	0	2	APO1		
	0	1	APO1		9595

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	5	APO2		
	0	1	AZC		
	0	1	AZ1	6315	
	0	3	AZ2		
	0	1	AZAN		
	0	1	ET1	1647	
	0	1	HM2	8406	
	0	1	HM3	8406	
	0	1	LN1		
	0	1	MS1	3538	
	0	1	NC1		
	0	4	PO2		
	0	1	PO3		
	0	1	PR1		
	0	1	YNC		
	0	1	YN1		
	0	2	YN2		
	0	1	YN3		
	0	5	YNSN		
	0	1	SN		
	0	21	AN		
ACTIVITY	5	66			
HC-5 Sea Component, 52961					
ACDU	63	0	1311		
	9	0	7340		
	0	13	AD1	8379	
	0	11	AD2	8379	
	0	12	AD3	8379	
	0	13	ADAN	8379	
	0	6	AE1	8379	
	0	7	AE2	8379	
	0	4	AE3	8379	
	0	8	AEAN	8379	
	0	1	AK1		
	0	8	AK2		
	0	3	AK3		
	0	2	AMH1	8379	
	0	7	AMH2	8379	
	0	2	AMH3	8379	
	0	4	AMHAN	8379	
	0	2	AMS1	7225	8379
	0	7	AMS1	8379	
	0	3	AMS1	8379	9595
	0	4	AMS2	7225	8379
	0	6	AMS2	8379	
	0	6	AMS3	7225	8379

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	7	AMS3	8379	
	0	9	AMSAN	8379	
	0	12	APOC		
	0	1	APOC	8216	
	0	3	APOC	8216	8215
	0	3	APO1	8216	
	0	10	APO1	8216	8215
	0	5	APO2	8216	
	0	24	APO2	8216	8215
	0	1	APO3		
	0	5	APO3	8216	
	0	29	APO3	8216	8215
	0	4	APOAN	8216	
	0	3	AT1	8379	
	0	7	AT2	8379	
	0	2	AT3	8379	
	0	1	ATAN	8379	
	0	1	AZ1		
	0	8	AZ2		
	0	3	AZ3		
	0	1	PR1		
	0	8	PR2		
	0	1	PR3		
	0	1	PRAN		
	0	19	AN		
ACTIVITY	72	297			
OPERATIONAL ACTIVITIES - USMC					
HMM - Twelve Aircraft CH-46E, 00000					
USMC	1	0	0170		
ACDU	1	0	2102		
USMC	1	0	6002		
	1	0	6004		
	1	0	6302		
	28	0	7562		
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6043	
	0	3	CPL	6046	
	0	1	CPL	6048	
	0	3	CPL	6072	
	0	1	CPL	6073	
	0	7	CPL	6112	
	0	1	CPL	6122	
	0	1	CPL	6132	
	0	6	CPL	6152	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	6	CPL	6172	
	0	5	CPL	6322	
	0	1	CPL	6413	
	0	1	CPL	6531	
	0	2	CPL	6541	
	0	1	CPL	6672	
	0	1	CPL	7041	
	0	1	GYSGT	0193	
	0	1	GYSGT	6047	
	0	1	GYSGT	6048	
	0	2	GYSGT	6112	
	0	1	GYSGT	6122	
	0	1	GYSGT	6152	
	0	1	GYSGT	6172	
	0	1	GYSGT	6322	
ACDU	0	1	HM1	8406	
	0	1	HM2	8404	
	0	1	HM3	8404	
USMC	0	2	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	0231	
	0	1	LCPL	0431	
	0	1	LCPL	6042	
	0	1	LCPL	6046	
	0	2	LCPL	6048	
	0	2	LCPL	6072	
	0	1	LCPL	6073	
	0	1	LCPL	6092	
	0	1	LCPL	6094	
	0	15	LCPL	6112	
	0	1	LCPL	6122	
	0	1	LCPL	6132	
	0	4	LCPL	6152	
	0	6	LCPL	6172	
	0	6	LCPL	6322	
	0	1	LCPL	6423	
	0	1	LCPL	6433	
	0	1	LCPL	6483	
	0	1	LCPL	6492	
	0	1	LCPL	6531	
	0	4	LCPL	6672	
	0	1	LCPL	7041	
	0	1	MGYSGT	6119	
	0	1	SGTMAJ	9999	
	0	1	MSGT	6119	
	0	1	MSGT	6391	
	0	1	SGT	0121	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	6042	
	0	1	SGT	6044	
	0	1	SGT	6048	
	0	1	SGT	6094	
	0	2	SGT	6112	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	3	SGT	6152	
	0	4	SGT	6172	
	0	2	SGT	6322	
	0	1	SGT	6413	
	0	1	SGT	6422	
	0	1	SGT	6433	
	0	2	SGT	6531	
	0	1	SGT	6672	
	0	1	SGT	7041	
	0	1	SSGT	0231	
	0	1	SSGT	0431	
	0	1	SSGT	6047	
	0	1	SSGT	6072	
	0	2	SSGT	6112	
	0	3	SSGT	6152	
	0	2	SSGT	6172	
	0	2	SSGT	6322	
	0	1	SSGT	6531	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
ACTIVITY	33	158			
HMM-774 (Twelve Aircraft CH-46), 67825					
USMC	1	0	6302		
	1	0	7562		
	0	1	CPL	6043	
	0	2	CPL	6046	
	0	1	CPL	6112	
	0	1	CPL	6122	
	0	1	CPL	6132	
	0	1	CPL	6152	
	0	2	CPL	6322	
	0	2	CPL	6541	
	0	1	GYSGT	6048	
	0	2	GYSGT	6112	
	0	1	GYSGT	6152	
	0	1	GYSGT	6322	
	0	1	LCPL	0121	
	0	1	LCPL	2111	
	0	1	LCPL	0431	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	LCPL	6042	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	1	LCPL	6073	
	0	2	LCPL	6112	
	0	2	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	1	LCPL	6413	
	0	1	LCPL	6483	
	0	1	LCPL	6492	
	0	1	LCPL	6531	
	0	2	LCPL	6672	
	0	1	LCPL	7041	
	0	1	SGT	6044	
	0	1	SGT	6048	
	0	1	SGT	6094	
	0	1	SGT	6112	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	1	SGT	6152	
	0	2	SGT	6172	
	0	2	SGT	6322	
	0	1	SGT	6413	
	0	1	SGT	6422	
	0	1	SGT	6433	
	0	1	SGT	6531	
	0	1	SGT	7041	
	0	1	SSGT	6047	
	0	1	SSGT	6072	
	0	1	SSGT	6112	
	0	1	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	6322	
	0	1	SSGT	6531	
AR	1	0	0170		
	1	0	6004		
	3	0	7562		
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6048	
	0	2	CPL	6072	
	0	3	CPL	6152	
	0	2	CPL	6172	
	0	1	CPL	6531	
	0	1	CPL	7041	
	0	1	GYSGT	0193	



## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
AR	0	1	GYSGT	6047	
	0	1	GYSGT	6172	
	0	1	LCPL	0231	
	0	1	MSGT	6119	
	0	1	SGT	0121	
	0	2	SGT	6152	
	0	2	SGT	6172	
	0	1	SGT	6672	
	0	1	SSGT	0431	
	0	1	SSGT	6112	
	0	2	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
SMCR	1	0	6002		
	24	0	7562		
	0	1	CPL	6046	
	0	1	CPL	6072	
	0	5	CPL	6112	
	0	2	CPL	6152	
	0	4	CPL	6172	
	0	3	CPL	6322	
	0	1	CPL	6413	
	0	1	CPL	6672	
	0	1	GYSGT	6122	
	0	1	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	6042	
	0	1	LCPL	6046	
	0	1	LCPL	6048	
	0	1	LCPL	6092	
	0	1	LCPL	6094	
	0	13	LCPL	6113	
	0	1	LCPL	6122	
	0	1	LCPL	6132	
	0	3	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	1	LCPL	6433	
	0	2	LCPL	6672	
	0	1	MGYSGT	6119	
	0	1	MSGT	6391	
	0	1	SGT	6042	
	0	1	SGT	6112	
	0	1	SGT	6531	
	0	1	SSGT	0231	
	0	1	SSGT	6322	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	32	153			
HMX-1, 08990					
USMC	1	0	0170		
	1	0	0180		
	1	0	0210		
	1	0	0602		
ACDU	2	0	2102		
	1	0	2303		
USMC	2	0	5803		
	2	0	6002		
	3	0	6004		
	2	0	6302		
ACDU	1	0	6510		
USMC	2	0	6602		
	24	0	7562		
	10	0	7563		
	13	0	7564		
	3	0	7565		
	10	0	7566		
	1	0	7596		
	1	0	9650		
	1	0	9907		
	2	0	9957		
	5	0	9958		
	6	0	9967		
ACDU	0	1	APOC		
	0	3	APO1		
	0	2	APO2		
	0	2	APO3	8211	8215
USMC	0	1	CPL	0121	
	0	1	CPL	2161	
	0	1	CPL	5711	
	0	24	CPL	5811	
	0	1	CPL	6044	
	0	6	CPL	6046	
	0	2	CPL	6048	
	0	4	CPL	6072	
	0	2	CPL	6073	
	0	1	CPL	6092	
	0	1	CPL	6094	
	0	1	CPL	6112	
	0	6	CPL	6113	
	0	1	CPL	6123	
	0	5	CPL	6152	
	0	3	CPL	6153	
	0	11	CPL	6154	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	8	CPL	6172	
	0	11	CPL	6173	
	0	3	CPL	6322	
	0	6	CPL	6323	
	0	2	CPL	6324	
	0	2	CPL	6412	
	0	2	CPL	6433	
	0	1	CPL	6483	
	0	5	CPL	6492	
	0	1	CPL	6494	
	0	4	CPL	6531	
	0	3	CPL	6672	
	0	1	CPL	6673	
	0	5	CPL	7041	
	0	2	GYSGT	0193	
	0	2	GYSGT	2537	
	0	4	GYSGT	2549	
	0	1	GYSGT	0369	
	0	1	GYSGT	0491	
	0	2	GYSGT	5811	
	0	2	GYSGT	6047	
	0	2	GYSGT	6048	
	0	2	GYSGT	6092	
	0	4	GYSGT	6112	
	0	4	GYSGT	6113	
	0	1	GYSGT	6123	
	0	1	GYSGT	6124	
	0	1	GYSGT	6135	
	0	1	GYSGT	6152	
	0	1	GYSGT	6153	
	0	2	GYSGT	6172	
	0	1	GYSGT	6174	
	0	2	GYSGT	6322	
	0	4	GYSGT	6323	
	0	2	GYSGT	6324	
	0	2	GYSGT	6414	
	0	1	GYSGT	6434	
	0	2	GYSGT	6672	
	0	2	GYSGT	7041	
ACDU	0	1	HM1	8406	
	0	1	HM1	8409	
	0	1	HM1	8425	
USMC	0	2	HM2	8406	
	0	2	LCPL	0121	
	0	2	LCPL	0151	
	0	2	LCPL	0431	
	0	96	LCPL	5811	
	0	1	LCPL	6046	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	2	LCPL	6092	
	0	1	LCPL	6094	
	0	4	LCPL	6112	
	0	16	LCPL	6113	
	0	4	LCPL	6122	
	0	2	LCPL	6123	
	0	2	LCPL	6124	
	0	1	LCPL	6132	
	0	1	LCPL	6152	
	0	6	LCPL	6153	
	0	8	LCPL	6154	
	0	8	LCPL	6172	
	0	10	LCPL	6173	
	0	5	LCPL	6322	
	0	7	LCPL	6323	
	0	4	LCPL	6324	
	0	2	LCPL	6413	
	0	2	LCPL	6423	
	0	2	LCPL	6483	
	0	1	LCPL	6494	
	0	10	LCPL	6672	
	0	1	LCPL	6673	
	0	2	LCPL	7041	
	0	1	MGYSGT	5811	
	0	1	MGYSGT	6119	
	0	2	MGYSGT	6391	
	0	1	MGYSGT	9916	
	0	1	SGTMAJ	9999	
	0	1	MSGT	2591	
	0	6	MSGT	6119	
	0	1	SGT	0121	
	0	1	SGT	0151	
	0	1	SGT	3043	
	0	1	SGT	3052	
	0	15	SGT	5811	
	0	2	SGT	6042	
	0	1	SGT	6043	
	0	1	SGT	6044	
	0	8	SGT	6047	
	0	2	SGT	6048	
	0	6	SGT	6072	
	0	1	SGT	6073	
	0	1	SGT	6094	
	0	11	SGT	6112	
	0	7	SGT	6113	
	0	1	SGT	6122	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	6132	
	0	3	SGT	6152	
	0	7	SGT	6153	
	0	1	SGT	6154	
	0	7	SGT	6172	
	0	14	SGT	6173	
	0	4	SGT	6322	
	0	7	SGT	6323	
	0	2	SGT	6324	
	0	2	SGT	6433	
	0	1	SGT	6492	
	0	2	SGT	6531	
	0	4	SGT	6672	
	0	1	SGT	6673	
	0	2	SGT	7041	
	0	2	SSGT	0193	
	0	1	SSGT	0211	
	0	10	SSGT	2537	
	0	4	SSGT	5811	
	0	1	SSGT	6042	
	0	1	SSGT	6044	
	0	1	SSGT	6048	
	0	1	SSGT	6072	
	0	1	SSGT	6094	
	0	9	SSGT	6112	
	0	6	SSGT	6113	
	0	1	SSGT	6114	
	0	5	SSGT	6122	
	0	1	SSGT	6123	
	0	4	SSGT	6152	
	0	3	SSGT	6153	
	0	2	SSGT	6154	
	0	6	SSGT	6172	
	0	3	SSGT	6173	
	0	5	SSGT	6322	
	0	6	SSGT	6323	
	0	1	SSGT	6324	
	0	1	SSGT	6414	
	0	1	SSGT	6434	
	0	1	SSGT	6492	
	0	1	SSGT	6494	
	0	1	SSGT	6672	
	0	1	SSGT	6673	
	0	2	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	9956	
ACDU	0	1	AN		

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	95	609			
VMR-1, 08344					
USMC	1	0	6002		
	1	0	6004		
	5	0	7551		
	4	0	7555		
	9	0	7562		
	1	0	9969		
	0	1	CPL	0131	
	0	2	CPL	6016	
	0	3	CPL	6030	
	0	1	CPL	6046	
	0	2	CPL	6056	
	0	1	CPL	6048	
	0	1	CPL	6072	
	0	2	CPL	6073	
	0	1	CPL	6075	
	0	3	CPL	6112	
	0	3	CPL	6152	
	0	6	CPL	6172	
	0	1	CPL	6316	
	0	1	CPL	6322	
	0	1	CPL	6336	
	0	1	CPL	6433	
	0	2	CPL	6672	
	0	3	CPL	7382	
	0	1	GYSGT	0193	
	0	2	GYSGT	6016	
	0	1	GYSGT	6048	
	0	1	GYSGT	6072	
	0	1	GYSGT	6073	
	0	1	GYSGT	6086	
	0	1	GYSGT	6112	
	0	1	GYSGT	6152	
	0	2	GYSGT	6322	
	0	1	GYSGT	6414	
	0	1	GYSGT	6672	
	0	1	GYSGT	7041	
	0	1	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	3043	
	0	1	LCPL	3531	
	0	1	LCPL	6042	
	0	2	LCPL	6056	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	1	LCPL	6086	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	2	LCPL	6152	
	0	2	LCPL	6172	
	0	1	LCPL	6322	
	0	1	LCPL	6492	
	0	2	LCPL	6672	
	0	2	LCPL	7041	
	0	1	SGTMAJ	9999	
	0	1	MSGT	6019	
	0	1	SGT	0151	
	0	2	SGT	6016	
	0	5	SGT	6032	
	0	2	SGT	6047	
	0	1	SGT	6056	
	0	1	SGT	6073	
	0	2	SGT	6075	
	0	1	SGT	6086	
	0	1	SGT	6092	
	0	2	SGT	6112	
	0	2	SGT	6152	
	0	4	SGT	6172	
	0	1	SGT	6316	
	0	1	SGT	6322	
	0	1	SGT	6336	
	0	1	SGT	6412	
	0	1	SGT	6413	
	0	1	SGT	6672	
	0	1	SGT	7041	
	0	1	SGT	7382	
	0	1	SSGT	6016	
	0	1	SSGT	6047	
	0	3	SSGT	6056	
	0	1	SSGT	6112	
	0	2	SSGT	6152	
	0	1	SSGT	6316	
	0	2	SSGT	6322	
	0	1	SSGT	6336	
	0	1	SSGT	6672	
	0	1	SSGT	7382	
	0	1	SSGT	8421	
SMCR	1	0	6002		
	4	0	7562		
	1	0	9969		
	0	2	CPL	6172	
	0	2	CPL	7382	
	0	2	CPL	9916	
	0	1	LCPL	6172	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	27	125			
HMM - Twelve Aircraft CH-46E, 00000					
USMC	1	0	0170		
ACDU	1	0	2102		
USMC	1	0	6002		
	1	0	6004		
	1	0	6302		
	28	0	7562		
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6043	
	0	3	CPL	6046	
	0	1	CPL	6048	
	0	3	CPL	6072	
	0	1	CPL	6073	
	0	7	CPL	6112	
	0	1	CPL	6122	
	0	1	CPL	6132	
	0	6	CPL	6152	
	0	6	CPL	6172	
	0	5	CPL	6322	
	0	1	CPL	6413	
	0	1	CPL	6531	
	0	2	CPL	6541	
	0	1	CPL	6672	
	0	1	GYSGT	0193	
	0	1	GYSGT	6047	
	0	1	GYSGT	6048	
	0	2	GYSGT	6112	
	0	1	GYSGT	6122	
	0	1	GYSGT	6152	
	0	1	GYSGT	6172	
	0	1	GYSGT	6322	
ACDU	0	1	HM1	8406	
	0	1	HM2	8404	
	0	1	HM3	8404	
USMC	0	2	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	0231	
	0	1	LCPL	0431	
	0	1	LCPL	6042	
	0	1	LCPL	6046	
	0	2	LCPL	6048	
	0	2	LCPL	6072	
	0	1	LCPL	6073	
	0	1	LCPL	6092	



## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	LCPL	6094	
	0	15	LCPL	6112	
	0	1	LCPL	6122	
	0	1	LCPL	6132	
	0	4	LCPL	6152	
	0	6	LCPL	6172	
	0	6	LCPL	6322	
	0	1	LCPL	6423	
	0	1	LCPL	6433	
	0	1	LCPL	6483	
	0	1	LCPL	6492	
	0	1	LCPL	6531	
	0	4	LCPL	6672	
	0	1	LCPL	7041	
	0	1	MGYSGT	6119	
	0	1	SGTMAJ	9999	
	0	1	MSGT	6119	
	0	1	MSGT	6391	
	0	1	SGT	0121	
	0	1	SGT	6042	
	0	1	SGT	6044	
	0	1	SGT	6048	
	0	1	SGT	6094	
	0	2	SGT	6112	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	3	SGT	6152	
	0	4	SGT	6172	
	0	2	SGT	6322	
	0	1	SGT	6413	
	0	1	SGT	6422	
	0	1	SGT	6433	
	0	2	SGT	6531	
	0	1	SGT	6672	
	0	1	SGT	7041	
	0	1	SSGT	0231	
	0	1	SSGT	0431	
	0	1	SSGT	6047	
	0	1	SSGT	6072	
	0	2	SSGT	6112	
	0	3	SSGT	6152	
	0	2	SSGT	6172	
	0	2	SSGT	6322	
	0	1	SSGT	6531	
	0	1	SSGT	8421	
	0	1	SSGT	8711	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY	33	157			
HMM-764 (Twelve Aircraft CH-46), 67824					
USMC	1	0	6302		
	1	0	7562		
	0	1	CPL	6043	
	0	2	CPL	6046	
	0	1	CPL	6112	
	0	1	CPL	6122	
	0	1	CPL	6132	
	0	1	CPL	6152	
	0	2	CPL	6322	
	0	2	CPL	6541	
	0	1	GYSGT	6048	
	0	2	GYSGT	6112	
	0	1	GYSGT	6152	
	0	1	GYSGT	6322	
	0	1	LCPL	0121	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	1	LCPL	6073	
	0	2	LCPL	6112	
	0	2	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	1	LCPL	6413	
	0	1	LCPL	6483	
	0	1	LCPL	6492	
	0	1	LCPL	6531	
	0	2	LCPL	6672	
	0	1	LCPL	7041	
	0	1	SGT	6044	
	0	1	SGT	6048	
	0	1	SGT	6094	
	0	1	SGT	6112	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	1	SGT	6152	
	0	2	SGT	6172	
	0	2	SGT	6322	
	0	1	SGT	6413	
	0	1	SGT	6422	
	0	1	SGT	6433	
	0	1	SGT	6531	
	0	1	SGT	7041	
	0	1	SSGT	6047	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SSGT	6072	
	0	1	SSGT	6112	
	0	1	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	6322	
	0	1	SSGT	6531	
AR	1	0	0170		
	1	0	6004		
	3	0	7562		
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6048	
	0	2	CPL	6072	
	0	1	CPL	6112	
	0	3	CPL	6152	
	0	2	CPL	6172	
	0	1	CPL	6531	
	0	1	CPL	7041	
	0	1	GYSGT	0193	
	0	1	GYSGT	6047	
	0	1	GYSGT	6172	
	0	1	LCPL	0231	
	0	1	MSGT	6119	
	0	1	SGT	0121	
	0	2	SGT	6152	
	0	2	SGT	6172	
	0	1	SGT	6672	
	0	1	SSGT	0431	
	0	1	SSGT	6112	
	0	2	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
SMCR	1	0	6002		
	23	0	7562		
	0	1	CPL	6046	
	0	1	CPL	6072	
	0	1	CPL	6073	
	0	5	CPL	6112	
	0	2	CPL	6152	
	0	4	CPL	6172	
	0	3	CPL	6322	
	0	1	CPL	6413	
	0	1	CPL	6672	
	0	1	GYSGT	6122	
	0	1	LCPL	0121	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
SMCR	0	1	LCPL	0151	
	0	1	LCPL	0431	
	0	1	LCPL	6046	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	1	LCPL	6092	
	0	1	LCPL	6094	
	0	13	LCPL	6112	
	0	1	LCPL	6122	
	0	1	LCPL	6132	
	0	2	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	1	LCPL	6433	
	0	2	LCPL	6672	
	0	1	MGYSGT	6119	
	0	1	MSGT	6391	
	0	1	SGT	6042	
	0	1	SGT	6112	
	0	1	SGT	6531	
	0	1	SSGT	0231	
	0	1	SSGT	6322	
ACTIVITY	31	154			
FLEET SUPPORT ACTIVITIES - NAVY					
HC-3, 09822					
ACDU	21	0	1312		
	1	0	1520		
	1	0	2102		
	1	0	3100		
	1	0	6330		
	1	0	6410		
	0	1	ADC	8379	
	0	3	AD1	8379	
	0	4	AD2	8379	
	0	3	AD3	8379	
	0	11	ADAN	8379	
	0	1	AEC	8379	
	0	2	AE1	8379	
	0	2	AE2	8379	
	0	4	AE3	8379	
	0	4	AEAN	8379	
	0	1	AK1		
	0	1	AK2		
	0	2	AK3		
	0	2	AKAN		

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	1	AMHC	8379	
	0	1	AMH1	8379	
	0	1	AMH2	8379	
	0	3	AMH3	8379	
	0	4	AMHAN	8379	
	0	2	AMSC	8379	
	0	3	AMS1	8379	
	0	3	AMS2	8379	
	0	5	AMS3	8379	
	0	9	AMSAN	8379	
	0	1	AO2		
	0	1	AO3		
	0	1	APOCM	8300	
	0	1	APOCM		9580
	0	5	APOCS		
	0	1	APOCS	8215	
	0	3	APOC		
	0	1	APOC	8215	
	0	1	APOC	8216	
	0	3	APOC	8216	8215
	0	1	APOC	8216	9502
	0	3	APO1		
	0	3	APO1	8216	8215
	0	1	APO1		9595
	0	2	APO2		
	0	1	APO2	8216	8215
	0	1	APO2		9590
	0	3	APO3		
	0	2	APO3	8216	8215
	0	1	APOAN	8216	
	0	1	AT2	8379	
	0	3	AT3	8379	
	0	2	ATAN	8379	
	0	1	AWC	7815	
	0	1	AZ1		
	0	4	AZ2		
	0	1	AZ2	6315	
	0	2	AZ3		
	0	3	AZAN		
	0	1	DM3		
	0	1	HMC	8401	
	0	1	HM2	8401	9502
	0	1	IT3		
	0	1	IT3	2735	
	0	1	NC1		
	0	1	POC	0170	
	0	1	PO1	0170	
	0	3	PO2		

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACDU	0	1	PRC		
	0	2	PR1		
	0	1	PR1		9502
	0	2	PR2		
	0	2	PR3		
	0	2	PRAN		
	0	1	YNC		
	0	2	YN1		
	0	4	YN2		
	0	3	YN3		
	0	5	YNSN		
	0	38	AN		
ACTIVITY	26	201			
HC-3 Neutral Duty Component, 48161					
ACDU	0	1	APOCS	8215	
	0	1	AWC	7815	
	0	1	HMC	8401	
ACTIVITY	0	3			
FLEET SUPPORT ACTIVITIES - USMC					
HMT-164, 08597					
USMC	1	0	0170		
	1	0	6002		
	1	0	6004		
	1	0	6302		
	23	0	7562		
	0	1	CPL	0121	
	0	2	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	5711	
	0	1	CPL	6043	
	0	2	CPL	6048	
	0	1	CPL	6094	
	0	1	CPL	6112	
	0	1	CPL	6132	
	0	10	CPL	6172	
	0	5	CPL	6322	
	0	3	CPL	6413	
	0	1	CPL	6423	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	1	CPL	6492	
	0	1	CPL	6531	
	0	1	CPL	7041	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	6	CPL	9916	
	0	1	GYSGT	0193	
	0	2	GYSGT	6112	
	0	1	GYSGT	6152	
	0	1	GYSGT	6172	
	0	1	GYSGT	6322	
	0	2	LCPL	0121	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	2	LCPL	6046	
	0	3	LCPL	6048	
	0	5	LCPL	6072	
	0	2	LCPL	6073	
	0	1	LCPL	6092	
	0	1	LCPL	6094	
	0	16	LCPL	6112	
	0	3	LCPL	6122	
	0	1	LCPL	6132	
	0	18	LCPL	6152	
	0	15	LCPL	6172	
	0	9	LCPL	6322	
	0	2	LCPL	6413	
	0	1	LCPL	6423	
	0	2	LCPL	6433	
	0	1	LCPL	6483	
	0	1	LCPL	6531	
	0	5	LCPL	6672	
	0	1	LCPL	7041	
	0	12	LCPL	9916	
	0	1	MGYSGT	6119	
	0	1	MGYSGT	6391	
	0	1	SGTMAJ	9999	
	0	1	MSGT	6119	
	0	1	SGT	0121	
	0	1	SGT	0151	
	0	1	SGT	6044	
	0	2	SGT	6045	
	0	1	SGT	6047	
	0	1	SGT	6048	
	0	1	SGT	6094	
	0	18	SGT	6112	
	0	1	SGT	6122	
	0	4	SGT	6152	
	0	5	SGT	6172	
	0	4	SGT	6322	
	0	1	SGT	6412	
	0	1	SGT	6433	
	0	1	SGT	6483	

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	6492	
	0	1	SGT	6531	
	0	1	SGT	6672	
	0	1	SGT	7041	
	0	2	SGT	9916	
	0	2	SSGT	6047	
	0	1	SSGT	6048	
	0	5	SSGT	6112	
	0	5	SSGT	6152	
	0	2	SSGT	6172	
	0	3	SSGT	6322	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
ACTIVITY	27	225			



## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU													
1311		230		0		0		0		0		0	
1312		9		0		0		0		0		0	
1520		5		0		0		0		0		0	
2102		4		0		0		0		0		0	
6330		12		0		0		0		0		0	
6380		1		0		0		0		0		0	
7340		21		0		0		0		0		0	
7380		1		0		0		0		0		0	
AD1	8377		1		0		0		0		0		0
AD1	8379		30		0		0		0		0		0
AD2	8377		1		0		0		0		0		0
AD2	8379		30		0		0		0		0		0
AD3	8379		31		0		0		0		0		0
AD3	8877		1		0		0		0		0		0
ADAN	8379		33		0		0		0		0		0
ADAN	8877		1		0		0		0		0		0
AE1	8379		8		0		0		0		0		0
AE2	8377		1		0		0		0		0		0
AE2	8379		27		0		0		0		0		0
AE3	8379		4		0		0		0		0		0
AEAN	8379		26		0		0		0		0		0
AEAN	8877		1		0		0		0		0		0
AKCS			1		0		0		0		0		0
AKC			1		0		0		0		0		0
AK1			3		0		0		0		0		0
AK2			33		0		0		0		0		0
AK3			4		0		0		0		0		0
AMH1	8379		4		0		0		0		0		0
AMH1	8379	9595	2		0		0		0		0		0
AMH2	8377		1		0		0		0		0		0
AMH2	8379		29		0		0		0		0		0
AMH3	8379		2		0		0		0		0		0
AMHAN	8379		12		0		0		0		0		0
AMHAN	8877		1		0		0		0		0		0
AMS1	7225	8379	4		0		0		0		0		0
AMS1	8379		24		0		0		0		0		0
AMS1	8379	9595	6		0		0		0		0		0
AMS2	7225	8379	14		0		0		0		0		0
AMS2	8379		6		0		0		0		0		0
AMS3	7225	8379	19		0		0		0		0		0
AMS3	8379		14		0		0		0		0		0
AMS3	8877		1		0		0		0		0		0
AMSAN	8379		18		0		0		0		0		0
ANAN	8877		1		0		0		0		0		0
AO2	0812		1		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
APOCM		9580		4		0		0		0		0		0
APOCM	8300			4		0		0		0		0		0
APOCS				7		0		0		0		0		0
APOC				34		0		0		0		0		0
APOC	8216			1		0		0		0		0		0
APOC	8216	8215		2		0		0		0		0		0
APOC	8379	9502		1		0		0		0		0		0
APO1				5		0		0		0		0		0
APO1		9590		2		0		0		0		0		0
APO1		9595		4		0		0		0		0		0
APO1	8211	8215		1		0		0		0		0		0
APO1	8216			1		0		0		0		0		0
APO1	8216	8215		31		0		0		0		0		0
APO2				22		0		0		0		0		0
APO2	8211	8215		2		0		0		0		0		0
APO2	8216			4		0		0		0		0		0
APO2	8216	8215		79		0		0		0		0		0
APO2	8216	9502		1		0		0		0		0		0
APO2	8308	9502		1		0		0		0		0		0
APO2	8379	9502		1		0		0		0		0		0
APO3				1		0		0		0		0		0
APO3	8211	8215		1		0		0		0		0		0
APO3	8216			4		0		0		0		0		0
APO3	8216	8215		83		0		0		0		0		0
APOAN	8216			10		0		0		0		0		0
AT1	8379			6		0		0		0		0		0
AT2	8377			1		0		0		0		0		0
AT2	8379			26		0		0		0		0		0
AT3	8379			2		0		0		0		0		0
ATAN	8379			1		0		0		0		0		0
AZC				1		0		0		0		0		0
AZ1				4		0		0		0		0		0
AZ1	6315			4		0		0		0		0		0
AZ2				39		0		0		0		0		0
AZ3				3		0		0		0		0		0
AZAN				2		0		0		0		0		0
ET1	1647			1		0		0		0		0		0
HM2	8406			1		0		0		0		0		0
HM3	8406			1		0		0		0		0		0
IT2	2780			3		0		0		0		0		0
IT3	2735			3		0		0		0		0		0
LN1				1		0		0		0		0		0
MS1	3538			1		0		0		0		0		0
NC1				4		0		0		0		0		0
PO2				12		0		0		0		0		0
PO3				6		0		0		0		0		0
PR1				4		0		0		0		0		0
PR2				16		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
PR3			10		0		0		0		0		0
PRAN			6		0		0		0		0		0
YNC			4		0		0		0		0		0
YN1			4		0		0		0		0		0
YN2			6		0		0		0		0		0
YN3			4		0		0		0		0		0
YNSN			16		0		0		0		0		0
AN			110		0		0		0		0		0
SN			1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - ACDU													
2102			16		0		0		0		0		0
2303			1		0		0		0		0		0
6510			1		0		0		0		0		0
APOC			1		0		0		0		0		0
APO1			3		0		0		0		0		0
APO2			2		0		0		0		0		0
APO3	8211	8215	2		0		0		0		0		0
HM1	8406		15		0		0		0		0		0
HM1	8409		1		0		0		0		0		0
HM1	8425		1		0		0		0		0		0
HM2	8404		14		0		0		0		0		0
HM2	8406		2		0		0		0		0		0
HM3	8404		14		0		0		0		0		0
AN			1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
0170			15		0		0		0		0		0
0180			1		0		0		0		0		0
0210			1		0		0		0		0		0
0602			1		0		0		0		0		0
5803			2		0		0		0		0		0
6002			17		0		0		0		0		0
6004			18		0		0		0		0		0
6302			19		0		0		0		0		0
6602			2		0		0		0		0		0
7551			5		0		0		0		0		0
7555			4		0		0		0		0		0
7562			428		0		0		0		0		0
7563			10		0		0		0		0		0
7564			13		0		0		0		0		0
7565			3		0		0		0		0		0
7566			10		0		0		0		0		0
7596			1		0		0		0		0		0
9650			1		0		0		0		0		0
9907			1		0		0		0		0		0
9957			2		0		0		0		0		0
9958			5		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
9967		6		0		0		0		0		0	
9969		1		0		0		0		0		0	
CPL	0121		15		0		0		0		0		0
CPL	0131		1		0		0		0		0		0
CPL	0151		14		0		0		0		0		0
CPL	2161		1		0		0		0		0		0
CPL	5711		1		0		0		0		0		0
CPL	5811		24		0		0		0		0		0
CPL	6016		2		0		0		0		0		0
CPL	6030		3		0		0		0		0		0
CPL	6043		17		0		0		0		0		0
CPL	6044		1		0		0		0		0		0
CPL	6046		55		0		0		0		0		0
CPL	6056		2		0		0		0		0		0
CPL	6048		17		0		0		0		0		0
CPL	6072		47		0		0		0		0		0
CPL	6073		18		0		0		0		0		0
CPL	6075		1		0		0		0		0		0
CPL	6092		1		0		0		0		0		0
CPL	6094		1		0		0		0		0		0
CPL	6112		105		0		0		0		0		0
CPL	6113		6		0		0		0		0		0
CPL	6122		17		0		0		0		0		0
CPL	6123		1		0		0		0		0		0
CPL	6132		17		0		0		0		0		0
CPL	6152		95		0		0		0		0		0
CPL	6153		3		0		0		0		0		0
CPL	6154		11		0		0		0		0		0
CPL	6172		98		0		0		0		0		0
CPL	6173		11		0		0		0		0		0
CPL	6316		1		0		0		0		0		0
CPL	6322		80		0		0		0		0		0
CPL	6323		6		0		0		0		0		0
CPL	6324		2		0		0		0		0		0
CPL	6336		1		0		0		0		0		0
CPL	6412		2		0		0		0		0		0
CPL	6413		14		0		0		0		0		0
CPL	6433		3		0		0		0		0		0
CPL	6483		1		0		0		0		0		0
CPL	6492		5		0		0		0		0		0
CPL	6494		1		0		0		0		0		0
CPL	6531		18		0		0		0		0		0
CPL	6541		34		0		0		0		0		0
CPL	6672		19		0		0		0		0		0
CPL	6673		1		0		0		0		0		0
CPL	7041		11		0		0		0		0		0
CPL	7382		3		0		0		0		0		0
GYSGT	0193		17		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GYSGT	2537		2		0		0		0		0		0
GYSGT	2549		4		0		0		0		0		0
GYSGT	0369		1		0		0		0		0		0
GYSGT	0491		1		0		0		0		0		0
GYSGT	5811		2		0		0		0		0		0
GYSGT	6016		2		0		0		0		0		0
GYSGT	6047		16		0		0		0		0		0
GYSGT	6048		20		0		0		0		0		0
GYSGT	6072		1		0		0		0		0		0
GYSGT	6073		1		0		0		0		0		0
GYSGT	6086		1		0		0		0		0		0
GYSGT	6092		2		0		0		0		0		0
GYSGT	6112		39		0		0		0		0		0
GYSGT	6113		4		0		0		0		0		0
GYSGT	6122		14		0		0		0		0		0
GYSGT	6123		1		0		0		0		0		0
GYSGT	6124		1		0		0		0		0		0
GYSGT	6135		1		0		0		0		0		0
GYSGT	6152		19		0		0		0		0		0
GYSGT	6153		1		0		0		0		0		0
GYSGT	6172		16		0		0		0		0		0
GYSGT	6174		1		0		0		0		0		0
GYSGT	6322		21		0		0		0		0		0
GYSGT	6323		4		0		0		0		0		0
GYSGT	6324		2		0		0		0		0		0
GYSGT	6414		3		0		0		0		0		0
GYSGT	6434		1		0		0		0		0		0
GYSGT	6672		3		0		0		0		0		0
GYSGT	7041		3		0		0		0		0		0
LCPL	0121		34		0		0		0		0		0
LCPL	0151		17		0		0		0		0		0
LCPL	2111		17		0		0		0		0		0
LCPL	0231		14		0		0		0		0		0
LCPL	3043		1		0		0		0		0		0
LCPL	3531		1		0		0		0		0		0
LCPL	0431		18		0		0		0		0		0
LCPL	5811		96		0		0		0		0		0
LCPL	6042		18		0		0		0		0		0
LCPL	6046		15		0		0		0		0		0
LCPL	6056		2		0		0		0		0		0
LCPL	6048		33		0		0		0		0		0
LCPL	6072		33		0		0		0		0		0
LCPL	6073		17		0		0		0		0		0
LCPL	6086		1		0		0		0		0		0
LCPL	6092		16		0		0		0		0		0
LCPL	6094		15		0		0		0		0		0
LCPL	6112		220		0		0		0		0		0
LCPL	6113		16		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	6122		18		0		0		0		0		0
LCPL	6123		2		0		0		0		0		0
LCPL	6124		2		0		0		0		0		0
LCPL	6132		15		0		0		0		0		0
LCPL	6152		65		0		0		0		0		0
LCPL	6153		6		0		0		0		0		0
LCPL	6154		8		0		0		0		0		0
LCPL	6172		103		0		0		0		0		0
LCPL	6173		10		0		0		0		0		0
LCPL	6322		99		0		0		0		0		0
LCPL	6323		7		0		0		0		0		0
LCPL	6324		4		0		0		0		0		0
LCPL	6413		5		0		0		0		0		0
LCPL	6423		16		0		0		0		0		0
LCPL	6433		14		0		0		0		0		0
LCPL	6483		19		0		0		0		0		0
LCPL	6492		18		0		0		0		0		0
LCPL	6494		1		0		0		0		0		0
LCPL	6531		17		0		0		0		0		0
LCPL	6672		74		0		0		0		0		0
LCPL	6673		1		0		0		0		0		0
LCPL	7041		21		0		0		0		0		0
MGYSGT	5811		1		0		0		0		0		0
MGYSGT	6119		15		0		0		0		0		0
MGYSGT	6391		2		0		0		0		0		0
MGYSGT	9916		1		0		0		0		0		0
SGTMAJ	9999		16		0		0		0		0		0
MSGT	2591		1		0		0		0		0		0
MSGT	6019		1		0		0		0		0		0
MSGT	6119		20		0		0		0		0		0
MSGT	6391		14		0		0		0		0		0
SGT	0121		15		0		0		0		0		0
SGT	0151		2		0		0		0		0		0
SGT	3043		1		0		0		0		0		0
SGT	3052		1		0		0		0		0		0
SGT	5811		15		0		0		0		0		0
SGT	6016		2		0		0		0		0		0
SGT	6032		5		0		0		0		0		0
SGT	6042		16		0		0		0		0		0
SGT	6043		1		0		0		0		0		0
SGT	6044		18		0		0		0		0		0
SGT	6047		10		0		0		0		0		0
SGT	6056		1		0		0		0		0		0
SGT	6048		19		0		0		0		0		0
SGT	6072		6		0		0		0		0		0
SGT	6073		2		0		0		0		0		0
SGT	6075		2		0		0		0		0		0
SGT	6086		1		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SGT	6092		1		0		0		0		0		0
SGT	6094		18		0		0		0		0		0
SGT	6112		44		0		0		0		0		0
SGT	6113		7		0		0		0		0		0
SGT	6122		18		0		0		0		0		0
SGT	6132		18		0		0		0		0		0
SGT	6152		50		0		0		0		0		0
SGT	6153		7		0		0		0		0		0
SGT	6154		1		0		0		0		0		0
SGT	6172		73		0		0		0		0		0
SGT	6173		14		0		0		0		0		0
SGT	6316		1		0		0		0		0		0
SGT	6322		39		0		0		0		0		0
SGT	6323		7		0		0		0		0		0
SGT	6324		2		0		0		0		0		0
SGT	6336		1		0		0		0		0		0
SGT	6412		1		0		0		0		0		0
SGT	6413		18		0		0		0		0		0
SGT	6422		17		0		0		0		0		0
SGT	6433		19		0		0		0		0		0
SGT	6492		1		0		0		0		0		0
SGT	6531		33		0		0		0		0		0
SGT	6672		19		0		0		0		0		0
SGT	6673		1		0		0		0		0		0
SGT	7041		20		0		0		0		0		0
SGT	7382		1		0		0		0		0		0
SSGT	0193		2		0		0		0		0		0
SSGT	0211		1		0		0		0		0		0
SSGT	0231		14		0		0		0		0		0
SSGT	2537		10		0		0		0		0		0
SSGT	0431		14		0		0		0		0		0
SSGT	5811		4		0		0		0		0		0
SSGT	6016		1		0		0		0		0		0
SSGT	6042		1		0		0		0		0		0
SSGT	6044		1		0		0		0		0		0
SSGT	6047		18		0		0		0		0		0
SSGT	6056		3		0		0		0		0		0
SSGT	6048		1		0		0		0		0		0
SSGT	6072		18		0		0		0		0		0
SSGT	6094		1		0		0		0		0		0
SSGT	6112		41		0		0		0		0		0
SSGT	6113		6		0		0		0		0		0
SSGT	6114		1		0		0		0		0		0
SSGT	6122		5		0		0		0		0		0
SSGT	6123		1		0		0		0		0		0
SSGT	6152		51		0		0		0		0		0
SSGT	6153		3		0		0		0		0		0
SSGT	6154		2		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6172		37		0		0		0		0		0
SSGT	6173		3		0		0		0		0		0
SSGT	6316		1		0		0		0		0		0
SSGT	6322		38		0		0		0		0		0
SSGT	6323		6		0		0		0		0		0
SSGT	6324		1		0		0		0		0		0
SSGT	6336		1		0		0		0		0		0
SSGT	6414		1		0		0		0		0		0
SSGT	6434		1		0		0		0		0		0
SSGT	6492		1		0		0		0		0		0
SSGT	6494		1		0		0		0		0		0
SSGT	6531		17		0		0		0		0		0
SSGT	6672		2		0		0		0		0		0
SSGT	6673		1		0		0		0		0		0
SSGT	7041		2		0		0		0		0		0
SSGT	7382		1		0		0		0		0		0
SSGT	8421		16		0		0		0		0		0
SSGT	8711		14		0		0		0		0		0
SSGT	9956		1		0		0		0		0		0

### USMC OPERATIONAL ACTIVITIES - AR

0170		3		0		0		0		0		0	
6004		3		0		0		0		0		0	
7562		9		0		0		0		0		0	
CPL	0121		3		0		0		0		0		0
CPL	0151		3		0		0		0		0		0
CPL	6048		3		0		0		0		0		0
CPL	6072		6		0		0		0		0		0
CPL	6112		1		0		0		0		0		0
CPL	6152		9		0		0		0		0		0
CPL	6172		6		0		0		0		0		0
CPL	6531		3		0		0		0		0		0
CPL	7041		3		0		0		0		0		0
GYSGT	0193		3		0		0		0		0		0
GYSGT	6047		3		0		0		0		0		0
GYSGT	6172		3		0		0		0		0		0
LCPL	0231		3		0		0		0		0		0
MSGT	6119		3		0		0		0		0		0
SGT	0121		3		0		0		0		0		0
SGT	6152		6		0		0		0		0		0
SGT	6172		6		0		0		0		0		0
SGT	6672		3		0		0		0		0		0
SSGT	0431		3		0		0		0		0		0
SSGT	6112		3		0		0		0		0		0
SSGT	6152		6		0		0		0		0		0
SSGT	6172		3		0		0		0		0		0
SSGT	8421		3		0		0		0		0		0
SSGT	8711		3		0		0		0		0		0



## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC OPERATIONAL ACTIVITIES - SMCR													
6002		4		0		0		0		0		0	
7562		75		0		0		0		0		0	
9969		1		0		0		0		0		0	
CPL	6046		3		0		0		0		0		0
CPL	6072		3		0		0		0		0		0
CPL	6073		1		0		0		0		0		0
CPL	6112		15		0		0		0		0		0
CPL	6152		6		0		0		0		0		0
CPL	6172		14		0		0		0		0		0
CPL	6322		9		0		0		0		0		0
CPL	6413		3		0		0		0		0		0
CPL	6672		3		0		0		0		0		0
CPL	7382		2		0		0		0		0		0
CPL	9916		2		0		0		0		0		0
GYSGT	6122		3		0		0		0		0		0
LCPL	0121		3		0		0		0		0		0
LCPL	0151		3		0		0		0		0		0
LCPL	0431		1		0		0		0		0		0
LCPL	6042		2		0		0		0		0		0
LCPL	6046		3		0		0		0		0		0
LCPL	6048		3		0		0		0		0		0
LCPL	6072		1		0		0		0		0		0
LCPL	6092		3		0		0		0		0		0
LCPL	6094		3		0		0		0		0		0
LCPL	6112		13		0		0		0		0		0
LCPL	6113		26		0		0		0		0		0
LCPL	6122		3		0		0		0		0		0
LCPL	6132		3		0		0		0		0		0
LCPL	6152		8		0		0		0		0		0
LCPL	6172		10		0		0		0		0		0
LCPL	6322		9		0		0		0		0		0
LCPL	6433		3		0		0		0		0		0
LCPL	6672		6		0		0		0		0		0
MGYSGT	6119		3		0		0		0		0		0
MSGT	6391		3		0		0		0		0		0
SGT	6042		3		0		0		0		0		0
SGT	6112		3		0		0		0		0		0
SGT	6531		3		0		0		0		0		0
SSGT	0231		3		0		0		0		0		0
SSGT	6322		3		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
1312		21		0		0		0		0		0	
1520		1		0		0		0		0		0	
2102		1		0		0		0		0		0	
3100		1		0		0		0		0		0	

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
6330		1		0		0		0		0		0	
6410		1		0		0		0		0		0	
ADC	8379		0		0		0		0		0		0
AD1	8379		1		0		0		0		0		0
AD2	8379		0		0		0		0		0		0
AD3	8379		0		0		0		0		0		0
ADAN	8379		0		0		0		0		0		0
AEC	8379		0		0		0		0		0		0
AE1	8379		0		0		0		0		0		0
AE2	8379		0		0		0		0		0		0
AE3	8379		0		0		0		0		0		0
AEAN	8379		0		0		0		0		0		0
AK1			1		0		0		0		0		0
AK2			1		0		0		0		0		0
AK3			2		0		0		0		0		0
AKAN			2		0		0		0		0		0
AMHC	8379		0		0		0		0		0		0
AMH1	8379		0		0		0		0		0		0
AMH2	8379		0		0		0		0		0		0
AMH3	8379		0		0		0		0		0		0
AMHAN	8379		0		0		0		0		0		0
AMSC	8379		0		0		0		0		0		0
AMS1	8379		0		0		0		0		0		0
AMS2	8379		0		0		0		0		0		0
AMS3	8379		0		0		0		0		0		0
AMSAN	8379		0		0		0		0		0		0
AO2			1		0		0		0		0		0
AO3			1		0		0		0		0		0
APOCM	9580		1		0		0		0		0		0
APOCM	8300		1		0		0		0		0		0
APOCS			5		0		0		0		0		0
APOCS	8215		2		0		0		0		0		0
APOC			3		0		0		0		0		0
APOC	8215		1		0		0		0		0		0
APOC	8216		1		0		0		0		0		0
APOC	8216 8215		3		0		0		0		0		0
APOC	8216 9502		1		0		0		0		0		0
APO1			3		0		0		0		0		0
APO1	9595		1		0		0		0		0		0
APO1	8216 8215		3		0		0		0		0		0
APO2			2		0		0		0		0		0
APO2	9590		1		0		0		0		0		0
APO2	8216 8215		1		0		0		0		0		0
APO3			3		0		0		0		0		0
APO3	8216 8215		2		0		0		0		0		0
APOAN	8216		1		0		0		0		0		0
AT2	8379		1		0		0		0		0		0
AT3	8379		3		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ATAN	8379		0		0		0		0		0		0
AWC	7815		2		0		0		0		0		0
AZ1			1		0		0		0		0		0
AZ2			4		0		0		0		0		0
AZ2	6315		1		0		0		0		0		0
AZ3			2		0		0		0		0		0
AZAN			3		0		0		0		0		0
DM3			1		0		0		0		0		0
HMC	8401		2		0		0		0		0		0
HM2	8401 9502		1		0		0		0		0		0
IT3			1		0		0		0		0		0
IT3	2735		1		0		0		0		0		0
NC1			1		0		0		0		0		0
POC	0170		1		0		0		0		0		0
PO1	0170		1		0		0		0		0		0
PO2			3		0		0		0		0		0
PRC			1		0		0		0		0		0
PR1			2		0		0		0		0		0
PR1	9502		1		0		0		0		0		0
PR2			2		0		0		0		0		0
PR3			2		0		0		0		0		0
PRAN			2		0		0		0		0		0
YNC			1		0		0		0		0		0
YN1			2		0		0		0		0		0
YN2			4		0		0		0		0		0
YN3			3		0		0		0		0		0
YNSN			5		0		0		0		0		0
AN			38		0		0		0		0		0

### USMC FLEET SUPPORT ACTIVITIES - USMC

0170		1		0		0		0		0		0	
6002		1		0		0		0		0		0	
6004		1		0		0		0		0		0	
6302		1		0		0		0		0		0	
7562		23		0		0		0		0		0	
CPL	0121		1		0		0		0		0		0
CPL	0151		2		0		0		0		0		0
CPL	0431		1		0		0		0		0		0
CPL	5711		1		0		0		0		0		0
CPL	6043		1		0		0		0		0		0
CPL	6048		2		0		0		0		0		0
CPL	6094		1		0		0		0		0		0
CPL	6112		1		0		0		0		0		0
CPL	6132		1		0		0		0		0		0
CPL	6172		10		0		0		0		0		0
CPL	6322		5		0		0		0		0		0
CPL	6413		3		0		0		0		0		0
CPL	6423		1		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CPL	6433		1		0		0		0		0		0
CPL	6483		1		0		0		0		0		0
CPL	6492		1		0		0		0		0		0
CPL	6531		1		0		0		0		0		0
CPL	7041		1		0		0		0		0		0
CPL	9916		6		0		0		0		0		0
GYSGT	0193		1		0		0		0		0		0
GYSGT	6112		2		0		0		0		0		0
GYSGT	6152		1		0		0		0		0		0
GYSGT	6172		1		0		0		0		0		0
GYSGT	6322		1		0		0		0		0		0
LCPL	0121		2		0		0		0		0		0
LCPL	2111		1		0		0		0		0		0
LCPL	6042		1		0		0		0		0		0
LCPL	6046		2		0		0		0		0		0
LCPL	6048		3		0		0		0		0		0
LCPL	6072		5		0		0		0		0		0
LCPL	6073		2		0		0		0		0		0
LCPL	6092		1		0		0		0		0		0
LCPL	6094		1		0		0		0		0		0
LCPL	6112		16		0		0		0		0		0
LCPL	6122		3		0		0		0		0		0
LCPL	6132		1		0		0		0		0		0
LCPL	6152		18		0		0		0		0		0
LCPL	6172		15		0		0		0		0		0
LCPL	6322		9		0		0		0		0		0
LCPL	6413		2		0		0		0		0		0
LCPL	6423		1		0		0		0		0		0
LCPL	6433		2		0		0		0		0		0
LCPL	6483		1		0		0		0		0		0
LCPL	6531		1		0		0		0		0		0
LCPL	6672		5		0		0		0		0		0
LCPL	7041		1		0		0		0		0		0
LCPL	9916		12		0		0		0		0		0
MGYSGT	6119		1		0		0		0		0		0
MGYSGT	6391		1		0		0		0		0		0
SGTMAJ	9999		1		0		0		0		0		0
MSGT	6119		1		0		0		0		0		0
SGT	0121		1		0		0		0		0		0
SGT	0151		1		0		0		0		0		0
SGT	6044		1		0		0		0		0		0
SGT	6045		2		0		0		0		0		0
SGT	6047		1		0		0		0		0		0
SGT	6048		1		0		0		0		0		0
SGT	6094		1		0		0		0		0		0
SGT	6112		18		0		0		0		0		0
SGT	6122		1		0		0		0		0		0
SGT	6152		4		0		0		0		0		0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SGT	6172		5		0		0		0		0		0
SGT	6322		4		0		0		0		0		0
SGT	6412		1		0		0		0		0		0
SGT	6433		1		0		0		0		0		0
SGT	6483		1		0		0		0		0		0
SGT	6492		1		0		0		0		0		0
SGT	6531		1		0		0		0		0		0
SGT	6672		1		0		0		0		0		0
SGT	7041		1		0		0		0		0		0
SGT	9916		2		0		0		0		0		0
SSGT	6047		2		0		0		0		0		0
SSGT	6048		1		0		0		0		0		0
SSGT	6112		5		0		0		0		0		0
SSGT	6152		5		0		0		0		0		0
SSGT	6172		2		0		0		0		0		0
SSGT	6322		3		0		0		0		0		0
SSGT	8421		1		0		0		0		0		0
SSGT	8711		1		0		0		0		0		0

### SUMMARY TOTALS:

NAVY OPERATIONAL ACTIVITIES - ACDU													
	283	1005		0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - ACDU													
	18	56		0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - USMC													
	566	3063		0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - AR													
	15	91		0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - SMCR													
	80	188		0	0	0	0	0	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
	26	136		0	0	0	0	0	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - USMC													
	27	225		0	0	0	0	0	0	0	0	0	0

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRAND TOTALS:													
NAVY - ACDU		309	1141	0	0	0	0	0	0	0	0	0	0
USMC - ACDU		18	56	0	0	0	0	0	0	0	0	0	0
USMC - USMC		593	3288	0	0	0	0	0	0	0	0	0	0
USMC - AR		15	91	0	0	0	0	0	0	0	0	0	0
USMC - SMCR		80	188	0	0	0	0	0	0	0	0	0	0

## II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

**BILLET SOURCE:** Total Force Manpower Management System

**DATE:** 6/1/00

**BILLET SOURCE:** Extracted from table of Manpower Requirements, MCCDC

**DATE:** 6/1/00

ACTIVITY, UIC		PFYs	CFY01	FY02	FY03	FY04	FY05
OPERATIONAL ACTIVITIES - NAVY							
HC-6	0381A	0	0	1	0	0	0
HC-6 Shore Component	31242	0	0	1	0	0	0
HC-8	55218	0	0	0	0	0	1
HC-8 Sea Component	55219	0	0	0	0	0	1
HC-11	53920	0	0	0	0	0	1
HC-11 Det	39486	0	0	0	0	0	1
HC-11 Sea Component	42300	0	0	0	0	0	1
HC-5	09823	0	0	1	0	0	0
HC-5 Sea Component	52961	0	0	1	0	0	0
<b>TOTAL:</b>		0	0	4	0	0	5
OPERATIONAL ACTIVITIES - USMC							
HMM - Twelve Aircraft CH-46E	00000	0	0	0	2	2	0
HMM - Twelve Aircraft CH-46E	00000	0	0	0	0	0	1
<b>TOTAL:</b>		0	0	0	2	2	1
FLEET SUPPORT ACTIVITIES - NAVY							
HC-3	09822	0	0	0	1	0	0
HC-3 Neutral Duty Component	48161	0	0	0	1	0	0
<b>TOTAL:</b>		0	0	0	2	0	0

## II.A.2.b. BILLETTS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - NAVY					
HC-6, 0381A, FY00 Increment					
ACDU	0	3	AD1	8379	
	0	3	AD2	8379	
	0	2	AD3	8379	
	0	2	ADAN	8379	
	0	1	AE1	8379	
	0	2	AE2	8379	
	0	3	AEAN	8379	
	0	3	AMH2	8379	
	0	1	AMS1	8379	
	0	2	APO1	8216	8215
	0	7	APO2	8216	8215
	0	2	AT2	8379	
HC-6, 0381A, FY01 Increment					
ACDU	0	6	APO3	8216	8215
	0	1	APOAN	8216	
ACTIVITY	0	38			
HMM - Twelve Aircraft CH-46E, 00000, FY04 Increment					
ACDU	1	0	2102		
	0	1	HM1	8406	
	0	1	HM2	8404	
	0	1	HM3	8404	
ACTIVITY	1	3			
HC-5 Sea Component, 52961, FY00 Increment					
ACDU	0	4	AD1	8379	
	0	3	AD2	8379	
	0	4	AD3	8379	
	0	3	ADAN	8379	
	0	3	AE2	8379	
	0	3	AEAN	8379	
	0	2	APOC		
	0	2	APOC	8216	8215
	0	2	APO1	8216	
	0	2	APO1	8216	8215
	0	1	APO2	8216	
	0	5	APO2	8216	8215
	0	1	APO3	8216	
	0	8	APO3	8216	8215
	0	2	APOAN	8216	
	0	3	AT2	8379	



ACTIVITY

0 48

## II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USMC					
HMM - Twelve Aircraft CH-46E, 00000, FY03 Increment					
USMC	14	0	7562		
	0	2	CPL	6046	
	0	2	CPL	6072	
	0	4	CPL	6112	
	0	3	CPL	6152	
	0	3	CPL	6172	
	0	2	CPL	6322	
	0	1	CPL	6541	
	0	1	GYSGT	6112	
	0	1	LCPL	0121	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	8	LCPL	6112	
	0	2	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	2	LCPL	6672	
	0	1	SGT	6112	
	0	2	SGT	6152	
	0	2	SGT	6172	
	0	1	SGT	6322	
	0	1	SGT	6531	
	0	1	SSGT	6112	
	0	2	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	6322	
HMM - Twelve Aircraft CH-46E, 00000, FY04 Increment					
USMC	1	0	0170		
	1	0	6002		
	1	0	6004		
	1	0	6302		
	28	0	7562		
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6043	
	0	3	CPL	6046	
	0	1	CPL	6048	
	0	3	CPL	6072	
	0	1	CPL	6073	
	0	7	CPL	6112	
	0	1	CPL	6122	
	0	1	CPL	6132	
	0	6	CPL	6152	



## II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	6	CPL	6172	
	0	5	CPL	6322	
	0	1	CPL	6413	
	0	1	CPL	6531	
	0	2	CPL	6541	
	0	1	CPL	6672	
	0	1	CPL	7041	
	0	1	GYSGT	0193	
	0	1	GYSGT	6047	
	0	1	GYSGT	6048	
	0	2	GYSGT	6112	
	0	1	GYSGT	6122	
	0	1	GYSGT	6152	
	0	1	GYSGT	6172	
	0	1	GYSGT	6322	
	0	2	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	0231	
	0	1	LCPL	0431	
	0	1	LCPL	6042	
	0	1	LCPL	6046	
	0	2	LCPL	6048	
	0	2	LCPL	6072	
	0	1	LCPL	6073	
	0	1	LCPL	6092	
	0	1	LCPL	6094	
	0	15	LCPL	6112	
	0	1	LCPL	6122	
	0	1	LCPL	6132	
	0	4	LCPL	6152	
	0	6	LCPL	6172	
	0	6	LCPL	6322	
	0	1	LCPL	6423	
	0	1	LCPL	6433	
	0	1	LCPL	6483	
	0	1	LCPL	6492	
	0	1	LCPL	6531	
	0	4	LCPL	6672	
	0	1	LCPL	7041	
	0	1	MGYSGT	6119	
	0	1	SGTMAJ	9999	
	0	1	MSGT	6119	
	0	1	MSGT	6391	
	0	1	SGT	0121	
	0	1	SGT	6042	
	0	1	SGT	6044	
	0	1	SGT	6048	



## II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	6094	
	0	2	SGT	6112	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	3	SGT	6152	
	0	4	SGT	6172	
	0	2	SGT	6322	
	0	1	SGT	6413	
	0	1	SGT	6422	
	0	1	SGT	6433	
	0	2	SGT	6531	
	0	1	SGT	6672	
	0	1	SGT	7041	
	0	1	SSGT	0231	
	0	1	SSGT	0431	
	0	1	SSGT	6047	
	0	1	SSGT	6072	
	0	2	SSGT	6112	
	0	3	SSGT	6152	
	0	2	SSGT	6172	
	0	2	SSGT	6322	
	0	1	SSGT	6531	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
ACTIVITY	46	206			
HMM - Twelve Aircraft CH-46E, 00000, FY05 Increment					
USMC	4	0	7562		
	0	1	CPL	6112	
	0	1	CPL	6152	
	0	1	CPL	6172	
	0	1	CPL	6322	
	0	2	LCPL	6112	
	0	1	LCPL	6152	
	0	1	LCPL	6172	
	0	1	LCPL	6322	
	0	1	LCPL	6672	
	0	1	SGT	6172	
HMM - Twelve Aircraft CH-46E, 00000, FY07 Increment					
USMC	14	0	7562		
	0	2	CPL	6046	
	0	2	CPL	6072	
	0	4	CPL	6112	
	0	3	CPL	6152	
	0	3	CPL	6172	
	0	2	CPL	6322	



## II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	CPL	6541	
	0	1	GYSGT	6112	
	0	1	LCPL	0121	
	0	1	LCPL	6048	
	0	1	LCPL	6072	
	0	8	LCPL	6112	
	0	2	LCPL	6152	
	0	3	LCPL	6172	
	0	3	LCPL	6322	
	0	2	LCPL	6672	
	0	1	SGT	6112	
	0	2	SGT	6152	
	0	2	SGT	6172	
	0	1	SGT	6322	
	0	1	SGT	6531	
	0	1	SSGT	6112	
	0	2	SSGT	6152	
	0	1	SSGT	6172	
	0	1	SSGT	6322	
ACTIVITY	18	62			
FLEET SUPPORT ACTIVITIES - NAVY					
HC-3, 09822, FY00 Increment					
ACDU	0	1	ADC	8379	
	0	2	AD1	8379	
	0	4	AD2	8379	
	0	3	AD3	8379	
	0	11	ADAN	8379	
	0	1	AEC	8379	
	0	2	AE1	8379	
	0	2	AE2	8379	
	0	4	AE3	8379	
	0	4	AEAN	8379	
	0	1	AMHC	8379	
	0	1	AMH1	8379	
	0	1	AMH2	8379	
	0	3	AMH3	8379	
	0	4	AMHAN	8379	
	0	2	AMSC	8379	
	0	3	AMS1	8379	
	0	3	AMS2	8379	
	0	5	AMS3	8379	
	0	9	AMSAN	8379	
	0	2	ATAN	8379	
ACTIVITY	0	68			





## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
NAVY OPERATIONAL ACTIVITIES - ACDU							
1311		230	0	-113	0	0	-117
1312		9	0	-4	0	0	-5
1520		5	0	-2	0	0	-3
2102		4	0	-2	0	0	-2
6330		12	0	-4	0	0	-8
6380		1	0	-1	0	0	0
7340		21	0	-12	0	0	-9
7380		1	0	-1	0	0	0
AD1	8377	1	0	0	0	0	-1
AD1	8379	30	0	-12	0	0	-18
AD2	8377	1	0	0	0	0	-1
AD2	8379	30	0	-13	0	0	-17
AD3	8379	31	0	-14	0	0	-17
AD3	8877	1	0	0	0	0	-1
ADAN	8379	33	0	-16	0	0	-17
ADAN	8877	1	0	0	0	0	-1
AE1	8379	8	0	-6	0	0	-2
AE2	8377	1	0	0	0	0	-1
AE2	8379	27	0	-10	0	0	-17
AE3	8379	4	0	-4	0	0	0
AEAN	8379	26	0	-9	0	0	-17
AEAN	8877	1	0	0	0	0	-1
AKCS		1	0	0	0	0	-1
AKC		1	0	-1	0	0	0
AK1		3	0	-2	0	0	-1
AK2		33	0	-16	0	0	-17
AK3		4	0	-4	0	0	0
AMH1	8379	4	0	-2	0	0	-2
AMH1	8379 9595	2	0	-1	0	0	-1
AMH2	8377	1	0	0	0	0	-1
AMH2	8379	29	0	-12	0	0	-17
AMH3	8379	2	0	-2	0	0	0
AMHAN	8379	12	0	-4	0	0	-8
AMHAN	8877	1	0	0	0	0	-1
AMS1	7225 8379	4	0	-2	0	0	-2
AMS1	8379	24	0	-11	0	0	-13
AMS1	8379 9595	6	0	-4	0	0	-2
AMS2	7225 8379	14	0	-8	0	0	-6
AMS2	8379	6	0	-6	0	0	0
AMS3	7225 8379	19	0	-10	0	0	-9
AMS3	8379	14	0	-7	0	0	-7
AMS3	8877	1	0	0	0	0	-1
AMSAN	8379	18	0	-9	0	0	-9
ANAN	8877	1	0	0	0	0	-1
AO2	0812	1	0	-1	0	0	0
APOCM	9580	4	0	-2	0	0	-2

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs		CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
APOCM	8300			4		0		-2		0		0		-2
APOCS				7		0		-4		0		0		-3
APOC				34		0		-17		0		0		-17
APOC	8216			1		0		-1		0		0		0
APOC	8216	8215		2		0		-2		0		0		0
APOC	8379	9502		1		0		0		0		0		-1
APO1				5		0		-3		0		0		-2
APO1		9590		2		0		-1		0		0		-1
APO1		9595		4		0		-2		0		0		-2
APO1	8211	8215		1		0		0		0		0		-1
APO1	8216			1		0		-1		0		0		0
APO1	8216	8215		31		0		-14		0		0		-17
APO2				22		0		-11		0		0		-11
APO2	8211	8215		2		0		0		0		0		-2
APO2	8216			4		0		-4		0		0		0
APO2	8216	8215		79		0		-32		0		0		-47
APO2	8216	9502		1		0		0		0		0		-1
APO2	8308	9502		1		0		0		0		0		-1
APO2	8379	9502		1		0		0		0		0		-1
APO3				1		0		-1		0		0		0
APO3	8211	8215		1		0		0		0		0		-1
APO3	8216			4		0		-4		0		0		0
APO3	8216	8215		83		-6		-37		0		0		-40
APOAN	8216			10		-1		-7		0		0		-2
AT1	8379			6		0		-4		0		0		-2
AT2	8377			1		0		0		0		0		-1
AT2	8379			26		0		-9		0		0		-17
AT3	8379			2		0		-2		0		0		0
ATAN	8379			1		0		-1		0		0		0
AZC				1		0		-1		0		0		0
AZ1				4		0		-2		0		0		-2
AZ1	6315			4		0		-2		0		0		-2
AZ2				39		0		-18		0		0		-21
AZ3				3		0		-3		0		0		0
AZAN				2		0		-1		0		0		-1
ET1	1647			1		0		-1		0		0		0
HM2	8406			1		0		-1		0		0		0
HM3	8406			1		0		-1		0		0		0
IT2	2780			3		0		-1		0		0		-2
IT3	2735			3		0		-1		0		0		-2
LN1				1		0		-1		0		0		0
MS1	3538			1		0		-1		0		0		0
NC1				4		0		-2		0		0		-2
PO2				12		0		-5		0		0		-7
PO3				6		0		-2		0		0		-4
PR1				4		0		-2		0		0		-2
PR2				16		0		-10		0		0		-6
PR3				10		0		-3		0		0		-7

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
PRAN			6		0		-3		0		0		-3
YNC			4		0		-2		0		0		-2
YN1			4		0		-2		0		0		-2
YN2			6		0		-3		0		0		-3
YN3			4		0		-2		0		0		-2
YNSN			16		0		-8		0		0		-8
AN			110		0		-68		0		0		-42
SN			1		0		-1		0		0		0
USMC OPERATIONAL ACTIVITIES - ACDU													
2102		14		0		0		-2		-2		-1	
HM1	8406		14		0		0		-2		-2		-1
HM2	8404		14		0		0		-2		-2		-1
HM3	8404		14		0		0		-2		-2		-1
USMC OPERATIONAL ACTIVITIES - USMC													
0170		14		0		0		-2		-2		-1	
6002		14		0		0		-2		-2		-1	
6004		14		0		0		-2		-2		-1	
6302		14		0		0		-2		-2		-1	
7562		392		0		0		-56		-56		-28	
CPL	0121		14		0		0		-2		-2		-1
CPL	0151		14		0		0		-2		-2		-1
CPL	6043		14		0		0		-2		-2		-1
CPL	6046		42		0		0		-6		-6		-3
CPL	6048		14		0		0		-2		-2		-1
CPL	6072		42		0		0		-6		-6		-3
CPL	6073		14		0		0		-2		-2		-1
CPL	6112		98		0		0		-14		-14		-7
CPL	6122		14		0		0		-2		-2		-1
CPL	6132		14		0		0		-2		-2		-1
CPL	6152		84		0		0		-12		-12		-6
CPL	6172		84		0		0		-12		-12		-6
CPL	6322		70		0		0		-10		-10		-5
CPL	6413		14		0		0		-2		-2		-1
CPL	6531		14		0		0		-2		-2		-1
CPL	6541		28		0		0		-4		-4		-2
CPL	6672		14		0		0		-2		-2		-1
CPL	7041		6		0		0		-2		-2		0
GYSGT	0193		14		0		0		-2		-2		-1
GYSGT	6047		14		0		0		-2		-2		-1
GYSGT	6048		14		0		0		-2		-2		-1
GYSGT	6112		28		0		0		-4		-4		-2
GYSGT	6122		14		0		0		-2		-2		-1
GYSGT	6152		14		0		0		-2		-2		-1
GYSGT	6172		14		0		0		-2		-2		-1
GYSGT	6322		14		0		0		-2		-2		-1
LCPL	0121		28		0		0		-4		-4		-2

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	0151		14		0		0		-2		-2		-1
LCPL	2111		14		0		0		-2		-2		-1
LCPL	0231		14		0		0		-2		-2		-1
LCPL	0431		14		0		0		-2		-2		-1
LCPL	6042		14		0		0		-2		-2		-1
LCPL	6046		14		0		0		-2		-2		-1
LCPL	6048		28		0		0		-4		-4		-2
LCPL	6072		28		0		0		-4		-4		-2
LCPL	6073		14		0		0		-2		-2		-1
LCPL	6092		14		0		0		-2		-2		-1
LCPL	6094		14		0		0		-2		-2		-1
LCPL	6112		210		0		0		-30		-30		-15
LCPL	6122		14		0		0		-2		-2		-1
LCPL	6132		14		0		0		-2		-2		-1
LCPL	6152		56		0		0		-8		-8		-4
LCPL	6172		84		0		0		-12		-12		-6
LCPL	6322		84		0		0		-12		-12		-6
LCPL	6423		14		0		0		-2		-2		-1
LCPL	6433		14		0		0		-2		-2		-1
LCPL	6483		14		0		0		-2		-2		-1
LCPL	6492		14		0		0		-2		-2		-1
LCPL	6531		14		0		0		-2		-2		-1
LCPL	6672		56		0		0		-8		-8		-4
LCPL	7041		14		0		0		-2		-2		-1
MGYSGT	6119		14		0		0		-2		-2		-1
SGTMAJ	9999		14		0		0		-2		-2		-1
MSGT	6119		14		0		0		-2		-2		-1
MSGT	6391		14		0		0		-2		-2		-1
SGT	0121		14		0		0		-2		-2		-1
SGT	6042		14		0		0		-2		-2		-1
SGT	6044		14		0		0		-2		-2		-1
SGT	6048		14		0		0		-2		-2		-1
SGT	6094		14		0		0		-2		-2		-1
SGT	6112		28		0		0		-4		-4		-2
SGT	6122		14		0		0		-2		-2		-1
SGT	6132		14		0		0		-2		-2		-1
SGT	6152		42		0		0		-6		-6		-3
SGT	6172		56		0		0		-8		-8		-4
SGT	6322		28		0		0		-4		-4		-2
SGT	6413		14		0		0		-2		-2		-1
SGT	6422		14		0		0		-2		-2		-1
SGT	6433		14		0		0		-2		-2		-1
SGT	6531		28		0		0		-4		-4		-2
SGT	6672		14		0		0		-2		-2		-1
SGT	7041		14		0		0		-2		-2		-1
SSGT	0231		14		0		0		-2		-2		-1
SSGT	0431		14		0		0		-2		-2		-1
SSGT	6047		14		0		0		-2		-2		-1

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6072		14		0		0		-2		-2		-1
SSGT	6112		28		0		0		-4		-4		-2
SSGT	6152		42		0		0		-6		-6		-3
SSGT	6172		28		0		0		-4		-4		-2
SSGT	6322		28		0		0		-4		-4		-2
SSGT	6531		14		0		0		-2		-2		-1
SSGT	8421		14		0		0		-2		-2		-1
SSGT	8711		14		0		0		-2		-2		-1

### NAVY FLEET SUPPORT ACTIVITIES - ACUDU

1312			21		0		0		-21		0		0
1520			1		0		0		-1		0		0
2102			1		0		0		-1		0		0
3100			1		0		0		-1		0		0
6330			1		0		0		-1		0		0
6410			1		0		0		-1		0		0
AD1	8379		1		0		0		-1		0		0
AK1			1		0		0		-1		0		0
AK2			1		0		0		-1		0		0
AK3			2		0		0		-2		0		0
AKAN			2		0		0		-2		0		0
AO2			1		0		0		-1		0		0
AO3			1		0		0		-1		0		0
APOCM	9580		1		0		0		-1		0		0
APOCM	8300		1		0		0		-1		0		0
APOCS			5		0		0		-5		0		0
APOCS	8215		2		0		0		-2		0		0
APOC			3		0		0		-3		0		0
APOC	8215		1		0		0		-1		0		0
APOC	8216		1		0		0		-1		0		0
APOC	8216	8215	3		0		0		-3		0		0
APOC	8216	9502	1		0		0		-1		0		0
APO1			3		0		0		-3		0		0
APO1	9595		1		0		0		-1		0		0
APO1	8216	8215	3		0		0		-3		0		0
APO2			2		0		0		-2		0		0
APO2	9590		1		0		0		-1		0		0
APO2	8216	8215	1		0		0		-1		0		0
APO3			3		0		0		-3		0		0
APO3	8216	8215	2		0		0		-2		0		0
APOAN	8216		1		0		0		-1		0		0
AT2	8379		1		0		0		-1		0		0
AT3	8379		3		0		0		-3		0		0
AWC	7815		2		0		0		-2		0		0
AZ1			1		0		0		-1		0		0
AZ2			4		0		0		-4		0		0
AZ2	6315		1		0		0		-1		0		0
AZ3			2		0		0		-2		0		0

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AZAN			3		0		0		-3		0		0
DM3			1		0		0		-1		0		0
HMC	8401		2		0		0		-2		0		0
HM2	8401 9502		1		0		0		-1		0		0
IT3			1		0		0		-1		0		0
IT3	2735		1		0		0		-1		0		0
NC1			1		0		0		-1		0		0
POC	0170		1		0		0		-1		0		0
PO1	0170		1		0		0		-1		0		0
PO2			3		0		0		-3		0		0
PRC			1		0		0		-1		0		0
PR1			2		0		0		-2		0		0
PR1	9502		1		0		0		-1		0		0
PR2			2		0		0		-2		0		0
PR3			2		0		0		-2		0		0
PRAN			2		0		0		-2		0		0
YNC			1		0		0		-1		0		0
YN1			2		0		0		-2		0		0
YN2			4		0		0		-4		0		0
YN3			3		0		0		-3		0		0
YNSN			5		0		0		-5		0		0
AN			38		0		0		-38		0		0

### SUMMARY TOTALS:

NAVY OPERATIONAL ACTIVITIES - ACDCU  
283 1005 0 -7 -139 -494 0 0 0 0 -144 -504

USMC OPERATIONAL ACTIVITIES - ACDCU  
14 42 0 0 0 0 -2 -6 -2 -6 -1 -3

USMC OPERATIONAL ACTIVITIES - USMC  
448 2162 0 0 0 0 -64 -310 -64 -310 -32 -154

NAVY FLEET SUPPORT ACTIVITIES - ACDCU  
26 136 0 0 0 0 -26 -136 0 0 0 0

### GRAND TOTALS:

NAVY - ACDCU  
309 1141 0 -7 -139 -494 -26 -136 0 0 -144 -504

USMC - ACDCU  
14 42 0 0 0 0 -2 -6 -2 -6 -1 -3

USMC - USMC  
448 2162 0 0 0 0 -64 -310 -64 -310 -32 -154

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
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## II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: HC-3, NAS North Island, 09822

### INSTRUCTOR BILLETS

ACDU

1312			13	0	13	0	13	0	13	0	13	0	13	0
ABH2	9502		0	1	0	1	0	1	0	1	0	1	0	1
APOCS	8215	9502	0	1	0	1	0	1	0	1	0	1	0	1
APOC	8215	9502	0	2	0	2	0	2	0	2	0	2	0	2
APO1	8215	9502	0	3	0	3	0	3	0	3	0	3	0	3
APO1	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
APO2	8215	9502	0	4	0	4	0	4	0	4	0	4	0	4
APO2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AW1	7815	9502	0	1	0	1	0	1	0	1	0	1	0	1

### SUPPORT BILLETS

ACDU

1312			1	0	1	0	1	0	1	0	1	0	1	0
APOCS	8216	8215	0	1	0	1	0	1	0	1	0	1	0	1
APO1	8216	8215	0	3	0	3	0	3	0	3	0	3	0	3
APO2	8216	8215	0	4	0	4	0	4	0	4	0	4	0	4

<b>TOTAL:</b>			14	23	14	23	14	23	14	23	14	23	14	23
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TRAINING ACTIVITY, LOCATION, UIC: HMMT-164, MCAS, Camp Pendleton, California, 00164

### INSTRUCTOR BILLETS

USMC

7562			20	0	20	0	20	0	20	0	20	0	20	0
CPL	6172		0	5	0	5	0	5	0	5	0	5	0	5
GYSGT	6172		0	1	0	1	0	1	0	1	0	1	0	1
SGT	6048		0	2	0	2	0	2	0	2	0	2	0	2
SGT	6112		0	1	0	1	0	1	0	1	0	1	0	1
SGT	6172		0	4	0	4	0	4	0	4	0	4	0	4
SGT	6322		0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6072		0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6112		0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6172		0	2	0	2	0	2	0	2	0	2	0	2

<b>TOTAL:</b>			20	18	20	18	20	18	20	18	20	18	20	18
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## II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1028 NAMTRAU North Island, 66065

### INSTRUCTOR BILLETS

#### ACDU

ADC	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AD1	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
AE1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AE2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AFCM		9502	0	1	0	1	0	1	0	1	0	1	0	1
AMH1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMH2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMS1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMS2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AT1	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
AT2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1

#### SELRES

AD1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
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### SUPPORT BILLETS

#### ACDU

AD2			0	1	0	1	0	1	0	1	0	1	0	1
AT2			0	1	0	1	0	1	0	1	0	1	0	1

TOTAL:			0	16	0	16	0	16	0	16	0	16	0	16
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TRAINING ACTIVITY, LOCATION, UIC: MTU 1030 HMT-303 FREST, MCAS Camp Pendleton, 48107

### INSTRUCTOR BILLETS

#### USMC

CPL	6531		0	7	0	7	0	7	0	7	0	7	0	7
SSGT	6531		0	2	0	2	0	2	0	2	0	2	0	2

TOTAL:			0	9	0	9	0	9	0	9	0	9	0	9
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### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1038 NAMTRAU Lemoore, 66048

#### INSTRUCTOR BILLETS

USMC													
SSGT	6092	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>		0	1	0	1	0	1	0	1	0	1	0	1

TRAINING ACTIVITY, LOCATION, UIC: MTU 1039 NAMTRAU Oceana, 66045

#### INSTRUCTOR BILLETS

USMC													
SSGT	6092	0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>		0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 3001 VMAT-203 FREST, MCAS Cherry Point, 31511

#### INSTRUCTOR BILLETS

USMC													
GYSGT	6541	0	1	0	1	0	1	0	1	0	1	0	1
SGT	6413	0	4	0	4	0	4	0	4	0	4	0	4
SGT	6483	0	4	0	4	0	4	0	4	0	4	0	4
SGT	6541	0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>		0	30	0	30	0	30	0	30	0	30	0	30

TRAINING ACTIVITY, LOCATION, UIC: MTU 3032 NAMTRAU Jacksonville, 66051

#### INSTRUCTOR BILLETS

USMC													
GYSGT	6072	0	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6073	0	1	0	1	0	1	0	1	0	1	0	1
SGT	6072	0	10	0	10	0	10	0	10	0	10	0	10
SGT	6073	0	6	0	6	0	6	0	6	0	6	0	6
SSGT	6072	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>		0	19	0	19	0	19	0	19	0	19	0	19

### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		

TRAINING ACTIVITY, LOCATION, UIC: MTU 3033 NAMTRAU North Island, 66065

#### INSTRUCTOR BILLETS

##### ACDU

ADC	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AD1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AE1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AE2	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
AMH1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMH2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMS1	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMS2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1
AT1	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
AT2	8379	9502	0	1	0	1	0	1	0	1	0	1	0	1

##### TAR

AD1	8379	9502	0	2	0	2	0	2	0	2	0	2	0	2
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<b>TOTAL:</b>			0	14	0	14	0	14	0	14	0	14	0	14
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TRAINING ACTIVITY, LOCATION, UIC: MTU 1027 CH-46 FREST, MCAS New River, 31513

#### INSTRUCTOR BILLETS

##### USMC

0170			1	0	1	0	1	0	1	0	1	0	1	0
CPL	6172		0	5	0	5	0	5	0	5	0	5	0	5
GYSGT	6172		0	1	0	1	0	1	0	1	0	1	0	1
SGT	6048		0	2	0	2	0	2	0	2	0	2	0	2
SGT	6172		0	4	0	4	0	4	0	4	0	4	0	4
SGT	6322		0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6072		0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6172		0	2	0	2	0	2	0	2	0	2	0	2

<b>TOTAL:</b>			1	16	1	16	1	16	1	16	1	16	1	16
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## II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: NATTC Pensacola, 45291

### INSTRUCTOR BILLETS

ACDU														
AMSC	7225	9502	0	1	0	1	0	1	0	1	0	1	0	1
AMS1	7225	8379	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>			0	2	0	2	0	2	0	2	0	2	0	2

#### II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1039 NAMTRAU Oceana, 66045	USMC		0.4		0.4		0.4		0.3		0.2		0.2
MTU 3001 VMAT-203 FREST, MCAS Cherry Point, 31511	USMC		5.1		5.1		5.1		4.9		4.3		3.9
MTU 3032 NAMTRAU Jacksonville, 66051	USMC		6.0		6.0		6.0		5.7		4.5		3.6
MTU 1027 CH-46 FREST, MCAS New River, 31513	NAVY		14.4		6.7		6.7		6.7		0.0		0.0
	USMC		45.8		45.8		45.8		44.8		40.0		35.3
NATTC Pensacola, 45291	NAVY		1.9		1.9		1.3		0.5		0.0		0.0
	USMC		1.4		1.4		1.4		1.4		1.4		1.1
HC-3, NAS North Island, 09822	NAVY	32.6	22.9	16.4	20.0	16.4	16.6	16.4	9.6	0.0	0.0	0.0	0.0
HMMT-164, MCAS, Camp Pendleton, 00164	USMC	35.1	48.1	35.1	48.1	35.1	48.1	33.2	45.7	29.0	41.2	25.7	37.8
MTU 1028 NAMTRAU North Island, 66065	NAVY	1.0	16.7	0.5	9.3	0.5	9.1	0.5	7.6	0.0	6.7	0.0	5.9
MTU 1030 HMT-303 FREST, MCAS Camp Pendleton, 48107	USMC		4.1		4.1		4.1		4.1		3.6		3.2
MTU 1038 NAMTRAU Lemoore, 66048	USMC		0.2		0.2		0.2		0.2		0.2		0.2
MTU 3033 NAMTRAU North Island, 66065	USMC		6.0		6.0		6.0		6.0		6.0		5.7
<b>SUMMARY TOTALS:</b>													
	NAVY	33.6	55.9	16.9	37.9	16.9	33.7	16.9	24.4	0.0	6.7	0.0	5.9
	USMC	35.1	117.1	35.1	117.1	35.1	117.1	33.2	113.1	29.0	101.4	25.7	91.0
<b>GRAND TOTALS:</b>		68.7	173.0	52.0	155.0	52.0	150.8	50.1	137.5	29.0	108.1	25.7	96.9

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
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### a. OFFICER - USN

#### Operational Billets ACDU and TAR

1311			230	0	230	-113	117	0	117	0	117	-117	0
1312			9	0	9	-4	5	0	5	0	5	-5	0
1520			5	0	5	-2	3	0	3	0	3	-3	0
2102			20	0	20	-2	18	-2	16	-2	14	-3	11
2303			1	0	1	0	1	0	1	0	1	0	1
6330			12	0	12	-4	8	0	8	0	8	-8	0
6380			1	0	1	-1	0	0	0	0	0	0	0
6510			1	0	1	0	1	0	1	0	1	0	1
7340			21	0	21	-12	9	0	9	0	9	-9	0
7380			1	0	1	-1	0	0	0	0	0	0	0

#### Fleet Support Billets ACDU and TAR

1312			21	0	21	0	21	-21	0	0	0	0	0
1520			1	0	1	0	1	-1	0	0	0	0	0
2102			1	0	1	0	1	-1	0	0	0	0	0
3100			1	0	1	0	1	-1	0	0	0	0	0
6330			1	0	1	0	1	-1	0	0	0	0	0
6410			1	0	1	0	1	-1	0	0	0	0	0

#### Staff Billets ACDU and TAR

1312			14	0	14	0	14	0	14	0	14	0	14
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#### Chargeable Student Billets ACDU and TAR

			34	-17	17	0	17	0	17	-17	0	0	0
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### TOTAL USN OFFICER BILLETS:

Operational			301	0	301	-139	162	-2	160	-2	158	-145	13
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Fleet Support			26	0	26	0	26	-26	0	0	0	0	0
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Staff			14	0	14	0	14	0	14	0	14	0	14
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Chargeable Student			34	-17	17	0	17	0	17	-17	0	0	0
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### b. ENLISTED - USN

#### Operational Billets ACDU and TAR

AD1	8377		1	0	1	0	1	0	1	0	1	-1	0
AD1	8379		30	0	30	-12	18	0	18	0	18	-18	0
AD2	8377		1	0	1	0	1	0	1	0	1	-1	0

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
AD2	8379		30	0 30	-13 17	0 17	0 17	-17 0
AD3	8379		31	0 31	-14 17	0 17	0 17	-17 0
AD3	8877		1	0 1	0 1	0 1	0 1	-1 0
ADAN	8379		33	0 33	-16 17	0 17	0 17	-17 0
ADAN	8877		1	0 1	0 1	0 1	0 1	-1 0
AE1	8379		8	0 8	-6 2	0 2	0 2	-2 0
AE2	8377		1	0 1	0 1	0 1	0 1	-1 0
AE2	8379		27	0 27	-10 17	0 17	0 17	-17 0
AE3	8379		4	0 4	-4 0	0 0	0 0	0 0
AEAN	8379		26	0 26	-9 17	0 17	0 17	-17 0
AEAN	8877		1	0 1	0 1	0 1	0 1	-1 0
AKCS			1	0 1	0 1	0 1	0 1	-1 0
AKC			1	0 1	-1 0	0 0	0 0	0 0
AK1			3	0 3	-2 1	0 1	0 1	-1 0
AK2			33	0 33	-16 17	0 17	0 17	-17 0
AK3			4	0 4	-4 0	0 0	0 0	0 0
AMH1	8379		4	0 4	-2 2	0 2	0 2	-2 0
AMH1	8379	9595	2	0 2	-1 1	0 1	0 1	-1 0
AMH2	8377		1	0 1	0 1	0 1	0 1	-1 0
AMH2	8379		29	0 29	-12 17	0 17	0 17	-17 0
AMH3	8379		2	0 2	-2 0	0 0	0 0	0 0
AMHAN	8379		12	0 12	-4 8	0 8	0 8	-8 0
AMHAN	8877		1	0 1	0 1	0 1	0 1	-1 0
AMS1	7225	8379	4	0 4	-2 2	0 2	0 2	-2 0
AMS1	8379		24	0 24	-11 13	0 13	0 13	-13 0
AMS1	8379	9595	6	0 6	-4 2	0 2	0 2	-2 0
AMS2	7225	8379	14	0 14	-8 6	0 6	0 6	-6 0
AMS2	8379		6	0 6	-6 0	0 0	0 0	0 0
AMS3	7225	8379	19	0 19	-10 9	0 9	0 9	-9 0
AMS3	8379		14	0 14	-7 7	0 7	0 7	-7 0
AMS3	8877		1	0 1	0 1	0 1	0 1	-1 0
AMSAN	8379		18	0 18	-9 9	0 9	0 9	-9 0
ANAN	8877		1	0 1	0 1	0 1	0 1	-1 0
AO2	0812		1	0 1	-1 0	0 0	0 0	0 0
APOCM		9580	4	0 4	-2 2	0 2	0 2	-2 0
APOCM	8300		4	0 4	-2 2	0 2	0 2	-2 0
APOCS			7	0 7	-4 3	0 3	0 3	-3 0
APOC			35	0 35	-17 18	0 18	0 18	-17 1
APOC	8216		1	0 1	-1 0	0 0	0 0	0 0
APOC	8216	8215	2	0 2	-2 0	0 0	0 0	0 0
APOC	8379	9502	1	0 1	0 1	0 1	0 1	-1 0
APO1			8	0 8	-3 5	0 5	0 5	-2 3
APO1		9590	2	0 2	-1 1	0 1	0 1	-1 0
APO1		9595	4	0 4	-2 2	0 2	0 2	-2 0
APO1	8211	8215	1	0 1	0 1	0 1	0 1	-1 0
APO1	8216		1	0 1	-1 0	0 0	0 0	0 0
APO1	8216	8215	31	0 31	-14 17	0 17	0 17	-17 0
APO2			24	0 24	-11 13	0 13	0 13	-11 2



## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
APO2	8211	8215	2	0	2	0	2	0	2	0	2	-2	0
APO2	8216		4	0	4	-4	0	0	0	0	0	0	0
APO2	8216	8215	79	0	79	-32	47	0	47	0	47	-47	0
APO2	8216	9502	1	0	1	0	1	0	1	0	1	-1	0
APO2	8308	9502	1	0	1	0	1	0	1	0	1	-1	0
APO2	8379	9502	1	0	1	0	1	0	1	0	1	-1	0
APO3			1	0	1	-1	0	0	0	0	0	0	0
APO3	8211	8215	3	0	3	0	3	0	3	0	3	-1	2
APO3	8216		4	0	4	-4	0	0	0	0	0	0	0
APO3	8216	8215	83	-6	77	-37	40	0	40	0	40	-40	0
APOAN	8216		10	-1	9	-7	2	0	2	0	2	-2	0
AT1	8379		6	0	6	-4	2	0	2	0	2	-2	0
AT2	8377		1	0	1	0	1	0	1	0	1	-1	0
AT2	8379		26	0	26	-9	17	0	17	0	17	-17	0
AT3	8379		2	0	2	-2	0	0	0	0	0	0	0
ATAN	8379		1	0	1	-1	0	0	0	0	0	0	0
AZC			1	0	1	-1	0	0	0	0	0	0	0
AZ1			4	0	4	-2	2	0	2	0	2	-2	0
AZ1	6315		4	0	4	-2	2	0	2	0	2	-2	0
AZ2			39	0	39	-18	21	0	21	0	21	-21	0
AZ3			3	0	3	-3	0	0	0	0	0	0	0
AZAN			2	0	2	-1	1	0	1	0	1	-1	0
ET1	1647		1	0	1	-1	0	0	0	0	0	0	0
HM1	8406		15	0	15	0	15	-2	13	-2	11	-1	10
HM1	8409		1	0	1	0	1	0	1	0	1	0	1
HM1	8425		1	0	1	0	1	0	1	0	1	0	1
HM2	8404		14	0	14	0	14	-2	12	-2	10	-1	9
HM2	8406		3	0	3	-1	2	0	2	0	2	0	2
HM3	8404		14	0	14	0	14	-2	12	-2	10	-1	9
HM3	8406		1	0	1	-1	0	0	0	0	0	0	0
IT2	2780		3	0	3	-1	2	0	2	0	2	-2	0
IT3	2735		3	0	3	-1	2	0	2	0	2	-2	0
LN1			1	0	1	-1	0	0	0	0	0	0	0
MS1	3538		1	0	1	-1	0	0	0	0	0	0	0
NC1			4	0	4	-2	2	0	2	0	2	-2	0
PO2			12	0	12	-5	7	0	7	0	7	-7	0
PO3			6	0	6	-2	4	0	4	0	4	-4	0
PR1			4	0	4	-2	2	0	2	0	2	-2	0
PR2			16	0	16	-10	6	0	6	0	6	-6	0
PR3			10	0	10	-3	7	0	7	0	7	-7	0
PRAN			6	0	6	-3	3	0	3	0	3	-3	0
YNC			4	0	4	-2	2	0	2	0	2	-2	0
YN1			4	0	4	-2	2	0	2	0	2	-2	0
YN2			6	0	6	-3	3	0	3	0	3	-3	0
YN3			4	0	4	-2	2	0	2	0	2	-2	0
YNSN			16	0	16	-8	8	0	8	0	8	-8	0
SN			1	0	1	-1	0	0	0	0	0	0	0
AN			111	0	111	-68	43	0	43	0	43	-42	1

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
Fleet Support Billets ACDU and TAR								
ADC	8379		0	0 0	0 0	0 0	0 0	0 0
AD1	8379		1	0 1	0 1	-1 0	0 0	0 0
AD2	8379		0	0 0	0 0	0 0	0 0	0 0
AD3	8379		0	0 0	0 0	0 0	0 0	0 0
ADAN	8379		0	0 0	0 0	0 0	0 0	0 0
AEC	8379		0	0 0	0 0	0 0	0 0	0 0
AE1	8379		0	0 0	0 0	0 0	0 0	0 0
AE2	8379		0	0 0	0 0	0 0	0 0	0 0
AE3	8379		0	0 0	0 0	0 0	0 0	0 0
AEAN	8379		0	0 0	0 0	0 0	0 0	0 0
AK1			1	0 1	0 1	-1 0	0 0	0 0
AK2			1	0 1	0 1	-1 0	0 0	0 0
AK3			2	0 2	0 2	-2 0	0 0	0 0
AKAN			2	0 2	0 2	-2 0	0 0	0 0
AMHC	8379		0	0 0	0 0	0 0	0 0	0 0
AMH1	8379		0	0 0	0 0	0 0	0 0	0 0
AMH2	8379		0	0 0	0 0	0 0	0 0	0 0
AMH3	8379		0	0 0	0 0	0 0	0 0	0 0
AMHAN	8379		0	0 0	0 0	0 0	0 0	0 0
AMSC	8379		0	0 0	0 0	0 0	0 0	0 0
AMS1	8379		0	0 0	0 0	0 0	0 0	0 0
AMS2	8379		0	0 0	0 0	0 0	0 0	0 0
AMS3	8379		0	0 0	0 0	0 0	0 0	0 0
AMSAN	8379		0	0 0	0 0	0 0	0 0	0 0
AO2			1	0 1	0 1	-1 0	0 0	0 0
AO3			1	0 1	0 1	-1 0	0 0	0 0
APOCM		9580	1	0 1	0 1	-1 0	0 0	0 0
APOCM	8300		1	0 1	0 1	-1 0	0 0	0 0
APOCS			5	0 5	0 5	-5 0	0 0	0 0
APOCS	8215		2	0 2	0 2	-2 0	0 0	0 0
APOC			3	0 3	0 3	-3 0	0 0	0 0
APOC	8215		1	0 1	0 1	-1 0	0 0	0 0
APOC	8216		1	0 1	0 1	-1 0	0 0	0 0
APOC	8216	8215	3	0 3	0 3	-3 0	0 0	0 0
APOC	8216	9502	1	0 1	0 1	-1 0	0 0	0 0
APO1			3	0 3	0 3	-3 0	0 0	0 0
APO1		9595	1	0 1	0 1	-1 0	0 0	0 0
APO1	8216	8215	3	0 3	0 3	-3 0	0 0	0 0
APO2			2	0 2	0 2	-2 0	0 0	0 0
APO2		9590	1	0 1	0 1	-1 0	0 0	0 0
APO2	8216	8215	1	0 1	0 1	-1 0	0 0	0 0
APO3			3	0 3	0 3	-3 0	0 0	0 0
APO3	8216	8215	2	0 2	0 2	-2 0	0 0	0 0
APOAN	8216		1	0 1	0 1	-1 0	0 0	0 0
AT2	8379		1	0 1	0 1	-1 0	0 0	0 0
AT3	8379		3	0 3	0 3	-3 0	0 0	0 0

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
ATAN	8379		0	0	0	0	0	0	0	0	0	0	0
AWC	7815		2	0	2	0	2	-2	0	0	0	0	0
AZ1			1	0	1	0	1	-1	0	0	0	0	0
AZ2			4	0	4	0	4	-4	0	0	0	0	0
AZ2	6315		1	0	1	0	1	-1	0	0	0	0	0
AZ3			2	0	2	0	2	-2	0	0	0	0	0
AZAN			3	0	3	0	3	-3	0	0	0	0	0
DM3			1	0	1	0	1	-1	0	0	0	0	0
HMC	8401		2	0	2	0	2	-2	0	0	0	0	0
HM2	8401	9502	1	0	1	0	1	-1	0	0	0	0	0
IT3			1	0	1	0	1	-1	0	0	0	0	0
IT3	2735		1	0	1	0	1	-1	0	0	0	0	0
NC1			1	0	1	0	1	-1	0	0	0	0	0
POC	0170		1	0	1	0	1	-1	0	0	0	0	0
PO1	0170		1	0	1	0	1	-1	0	0	0	0	0
PO2			3	0	3	0	3	-3	0	0	0	0	0
PRC			1	0	1	0	1	-1	0	0	0	0	0
PR1			2	0	2	0	2	-2	0	0	0	0	0
PR1		9502	1	0	1	0	1	-1	0	0	0	0	0
PR2			2	0	2	0	2	-2	0	0	0	0	0
PR3			2	0	2	0	2	-2	0	0	0	0	0
PRAN			2	0	2	0	2	-2	0	0	0	0	0
YNC			1	0	1	0	1	-1	0	0	0	0	0
YN1			2	0	2	0	2	-2	0	0	0	0	0
YN2			4	0	4	0	4	-4	0	0	0	0	0
YN3			3	0	3	0	3	-3	0	0	0	0	0
YNSN			5	0	5	0	5	-5	0	0	0	0	0
AN			38	0	38	0	38	-38	0	0	0	0	0
Staff Billees ACDU and TAR													
ABH2		9502	1	0	1	0	1	0	1	0	1	0	1
ADC	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AD1	8379	9502	6	0	6	0	6	0	6	0	6	0	6
AD2			1	0	1	0	1	0	1	0	1	0	1
AE1	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AE2	8379	9502	3	0	3	0	3	0	3	0	3	0	3
AFCM		9502	1	0	1	0	1	0	1	0	1	0	1
AMH1	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AMH2	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AMSC	7225	9502	1	0	1	0	1	0	1	0	1	0	1
AMS1	7225	8379	1	0	1	0	1	0	1	0	1	0	1
AMS1	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AMS2	8379	9502	2	0	2	0	2	0	2	0	2	0	2
APOCS	8215	9502	1	0	1	0	1	0	1	0	1	0	1
APOCS	8216	8215	1	0	1	0	1	0	1	0	1	0	1
APOC	8215	9502	2	0	2	0	2	0	2	0	2	0	2
APO1	8215	9502	3	0	3	0	3	0	3	0	3	0	3
APO1	8216	8215	3	0	3	0	3	0	3	0	3	0	3

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
APO1	8379	9502	2	0	2	0	2	0	2	0	2	0	2
APO2	8215	9502	4	0	4	0	4	0	4	0	4	0	4
APO2	8216	8215	4	0	4	0	4	0	4	0	4	0	4
APO2	8379	9502	1	0	1	0	1	0	1	0	1	0	1
AT1	8379	9502	4	0	4	0	4	0	4	0	4	0	4
AT2			1	0	1	0	1	0	1	0	1	0	1
AT2	8379	9502	2	0	2	0	2	0	2	0	2	0	2
AW1	7815	9502	1	0	1	0	1	0	1	0	1	0	1

Chargeable Student Billets ACDU and TAR

56	-18	38	-4	34	-9	25	-18	7	-1	6
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### TOTAL USN ENLISTED BILLETS:

Operational	1061	-7	1054	-494	560	-6	554	-6	548	-507	41
Fleet Support	136	0	136	0	136	-136	0	0	0	0	0
Staff	55	0	55	0	55	0	55	0	55	0	55
Chargeable Student	56	-18	38	-4	34	-9	25	-18	7	-1	6

### c. OFFICER - USMC

Operational Billets USMC and AR

0170	18	0	18	0	18	-2	16	-2	14	-1	13
0180	1	0	1	0	1	0	1	0	1	0	1
0210	1	0	1	0	1	0	1	0	1	0	1
0602	1	0	1	0	1	0	1	0	1	0	1
5803	2	0	2	0	2	0	2	0	2	0	2
6002	17	0	17	0	17	-2	15	-2	13	-1	12
6004	21	0	21	0	21	-2	19	-2	17	-1	16
6302	19	0	19	0	19	-2	17	-2	15	-1	14
6602	2	0	2	0	2	0	2	0	2	0	2
7551	5	0	5	0	5	0	5	0	5	0	5
7555	4	0	4	0	4	0	4	0	4	0	4
7562	437	0	437	0	437	-56	381	-56	325	-28	297
7563	10	0	10	0	10	0	10	0	10	0	10
7564	13	0	13	0	13	0	13	0	13	0	13
7565	3	0	3	0	3	0	3	0	3	0	3
7566	10	0	10	0	10	0	10	0	10	0	10
7596	1	0	1	0	1	0	1	0	1	0	1
9650	1	0	1	0	1	0	1	0	1	0	1
9907	1	0	1	0	1	0	1	0	1	0	1

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
9957			2	0	2	0	2	0	2	0	2	0	2
9958			5	0	5	0	5	0	5	0	5	0	5
9967			6	0	6	0	6	0	6	0	6	0	6
9969			1	0	1	0	1	0	1	0	1	0	1
Fleet Support Billets USMC and AR													
0170			1	0	1	0	1	0	1	0	1	0	1
6002			1	0	1	0	1	0	1	0	1	0	1
6004			1	0	1	0	1	0	1	0	1	0	1
6302			1	0	1	0	1	0	1	0	1	0	1
7562			23	0	23	0	23	0	23	0	23	0	23
Staff Billets USMC and AR													
0170			1	0	1	0	1	0	1	0	1	0	1
7562			20	0	20	0	20	0	20	0	20	0	20
Chargeable Student Billets USMC and AR													
			35	0	35	0	35	-2	33	-4	29	-3	26
SMCR Billets													
6002			4	0	4	0	4	0	4	0	4	0	4
7562			75	0	75	0	75	0	75	0	75	0	75
9969			1	0	1	0	1	0	1	0	1	0	1

### TOTAL USMC OFFICER BILLETS:

Operational			581	0	581	0	581	-64	517	-64	453	-32	421
Fleet Support			27	0	27	0	27	0	27	0	27	0	27
Staff			21	0	21	0	21	0	21	0	21	0	21
Chargeable Student			35	0	35	0	35	-2	33	-4	29	-3	26
SMCR			80	0	80	0	80	0	80	0	80	0	80

### d. ENLISTED - USMC

Operational Billets USMC and AR													
CPL	0121		18	0	18	0	18	-2	16	-2	14	-1	13
CPL	0131		1	0	1	0	1	0	1	0	1	0	1
CPL	0151		17	0	17	0	17	-2	15	-2	13	-1	12
CPL	2161		1	0	1	0	1	0	1	0	1	0	1

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
CPL	5711		1	0 1	0 1	0 1	0 1	0 1
CPL	5811		24	0 24	0 24	0 24	0 24	0 24
CPL	6016		2	0 2	0 2	0 2	0 2	0 2
CPL	6030		3	0 3	0 3	0 3	0 3	0 3
CPL	6043		17	0 17	0 17	-2 15	-2 13	-1 12
CPL	6044		1	0 1	0 1	0 1	0 1	0 1
CPL	6046		55	0 55	0 55	-6 49	-6 43	-3 40
CPL	6056		2	0 2	0 2	0 2	0 2	0 2
CPL	6048		20	0 20	0 20	-2 18	-2 16	-1 15
CPL	6072		53	0 53	0 53	-6 47	-6 41	-3 38
CPL	6073		18	0 18	0 18	-2 16	-2 14	-1 13
CPL	6075		1	0 1	0 1	0 1	0 1	0 1
CPL	6092		1	0 1	0 1	0 1	0 1	0 1
CPL	6094		1	0 1	0 1	0 1	0 1	0 1
CPL	6112		106	0 106	0 106	-14 92	-14 78	-7 71
CPL	6113		6	0 6	0 6	0 6	0 6	0 6
CPL	6122		17	0 17	0 17	-2 15	-2 13	-1 12
CPL	6123		1	0 1	0 1	0 1	0 1	0 1
CPL	6132		17	0 17	0 17	-2 15	-2 13	-1 12
CPL	6152		104	0 104	0 104	-12 92	-12 80	-6 74
CPL	6153		3	0 3	0 3	0 3	0 3	0 3
CPL	6154		11	0 11	0 11	0 11	0 11	0 11
CPL	6172		104	0 104	0 104	-12 92	-12 80	-6 74
CPL	6173		11	0 11	0 11	0 11	0 11	0 11
CPL	6316		1	0 1	0 1	0 1	0 1	0 1
CPL	6322		80	0 80	0 80	-10 70	-10 60	-5 55
CPL	6323		6	0 6	0 6	0 6	0 6	0 6
CPL	6324		2	0 2	0 2	0 2	0 2	0 2
CPL	6336		1	0 1	0 1	0 1	0 1	0 1
CPL	6412		2	0 2	0 2	0 2	0 2	0 2
CPL	6413		14	0 14	0 14	-2 12	-2 10	-1 9
CPL	6433		3	0 3	0 3	0 3	0 3	0 3
CPL	6483		1	0 1	0 1	0 1	0 1	0 1
CPL	6492		5	0 5	0 5	0 5	0 5	0 5
CPL	6494		1	0 1	0 1	0 1	0 1	0 1
CPL	6531		21	0 21	0 21	-2 19	-2 17	-1 16
CPL	6541		34	0 34	0 34	-4 30	-4 26	-2 24
CPL	6672		19	0 19	0 19	-2 17	-2 15	-1 14
CPL	6673		1	0 1	0 1	0 1	0 1	0 1
CPL	7041		14	0 14	0 14	-2 12	-2 10	0 10
CPL	7382		3	0 3	0 3	0 3	0 3	0 3
GYSGT	0193		20	0 20	0 20	-2 18	-2 16	-1 15
GYSGT	2537		2	0 2	0 2	0 2	0 2	0 2
GYSGT	2549		4	0 4	0 4	0 4	0 4	0 4
GYSGT	0369		1	0 1	0 1	0 1	0 1	0 1
GYSGT	0491		1	0 1	0 1	0 1	0 1	0 1
GYSGT	5811		2	0 2	0 2	0 2	0 2	0 2
GYSGT	6016		2	0 2	0 2	0 2	0 2	0 2

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
GYSGT	6047		19	0 19	0 19	-2 17	-2 15	-1 14
GYSGT	6048		20	0 20	0 20	-2 18	-2 16	-1 15
GYSGT	6072		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6073		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6086		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6092		2	0 2	0 2	0 2	0 2	0 2
GYSGT	6112		39	0 39	0 39	-4 35	-4 31	-2 29
GYSGT	6113		4	0 4	0 4	0 4	0 4	0 4
GYSGT	6122		14	0 14	0 14	-2 12	-2 10	-1 9
GYSGT	6123		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6124		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6135		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6152		19	0 19	0 19	-2 17	-2 15	-1 14
GYSGT	6153		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6172		19	0 19	0 19	-2 17	-2 15	-1 14
GYSGT	6174		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6322		21	0 21	0 21	-2 19	-2 17	-1 16
GYSGT	6323		4	0 4	0 4	0 4	0 4	0 4
GYSGT	6324		2	0 2	0 2	0 2	0 2	0 2
GYSGT	6414		3	0 3	0 3	0 3	0 3	0 3
GYSGT	6434		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6672		3	0 3	0 3	0 3	0 3	0 3
GYSGT	7041		3	0 3	0 3	0 3	0 3	0 3
LCPL	0121		34	0 34	0 34	-4 30	-4 26	-2 24
LCPL	0151		17	0 17	0 17	-2 15	-2 13	-1 12
LCPL	2111		17	0 17	0 17	-2 15	-2 13	-1 12
LCPL	0231		17	0 17	0 17	-2 15	-2 13	-1 12
LCPL	3043		1	0 1	0 1	0 1	0 1	0 1
LCPL	3531		1	0 1	0 1	0 1	0 1	0 1
LCPL	0431		18	0 18	0 18	-2 16	-2 14	-1 13
LCPL	5811		96	0 96	0 96	0 96	0 96	0 96
LCPL	6042		18	0 18	0 18	-2 16	-2 14	-1 13
LCPL	6046		15	0 15	0 15	-2 13	-2 11	-1 10
LCPL	6056		2	0 2	0 2	0 2	0 2	0 2
LCPL	6048		33	0 33	0 33	-4 29	-4 25	-2 23
LCPL	6072		33	0 33	0 33	-4 29	-4 25	-2 23
LCPL	6073		17	0 17	0 17	-2 15	-2 13	-1 12
LCPL	6086		1	0 1	0 1	0 1	0 1	0 1
LCPL	6092		16	0 16	0 16	-2 14	-2 12	-1 11
LCPL	6094		15	0 15	0 15	-2 13	-2 11	-1 10
LCPL	6112		220	0 220	0 220	-30 190	-30 160	-15 145
LCPL	6113		16	0 16	0 16	0 16	0 16	0 16
LCPL	6122		18	0 18	0 18	-2 16	-2 14	-1 13
LCPL	6123		2	0 2	0 2	0 2	0 2	0 2
LCPL	6124		2	0 2	0 2	0 2	0 2	0 2
LCPL	6132		15	0 15	0 15	-2 13	-2 11	-1 10
LCPL	6152		65	0 65	0 65	-8 57	-8 49	-4 45
LCPL	6153		6	0 6	0 6	0 6	0 6	0 6

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
LCPL	6154		8	0 8	0 8	0 8	0 8	0 8
LCPL	6172		103	0 103	0 103	-12 91	-12 79	-6 73
LCPL	6173		10	0 10	0 10	0 10	0 10	0 10
LCPL	6322		99	0 99	0 99	-12 87	-12 75	-6 69
LCPL	6323		7	0 7	0 7	0 7	0 7	0 7
LCPL	6324		4	0 4	0 4	0 4	0 4	0 4
LCPL	6413		5	0 5	0 5	0 5	0 5	0 5
LCPL	6423		16	0 16	0 16	-2 14	-2 12	-1 11
LCPL	6433		14	0 14	0 14	-2 12	-2 10	-1 9
LCPL	6483		19	0 19	0 19	-2 17	-2 15	-1 14
LCPL	6492		18	0 18	0 18	-2 16	-2 14	-1 13
LCPL	6494		1	0 1	0 1	0 1	0 1	0 1
LCPL	6531		17	0 17	0 17	-2 15	-2 13	-1 12
LCPL	6672		74	0 74	0 74	-8 66	-8 58	-4 54
LCPL	6673		1	0 1	0 1	0 1	0 1	0 1
LCPL	7041		21	0 21	0 21	-2 19	-2 17	-1 16
MGYSGT	5811		1	0 1	0 1	0 1	0 1	0 1
MGYSGT	6119		15	0 15	0 15	-2 13	-2 11	-1 10
MGYSGT	6391		2	0 2	0 2	0 2	0 2	0 2
MGYSGT	9916		1	0 1	0 1	0 1	0 1	0 1
SGTMAJ	9999		16	0 16	0 16	-2 14	-2 12	-1 11
MSGT	2591		1	0 1	0 1	0 1	0 1	0 1
MSGT	6019		1	0 1	0 1	0 1	0 1	0 1
MSGT	6119		23	0 23	0 23	-2 21	-2 19	-1 18
MSGT	6391		14	0 14	0 14	-2 12	-2 10	-1 9
SGT	0121		18	0 18	0 18	-2 16	-2 14	-1 13
SGT	0151		2	0 2	0 2	0 2	0 2	0 2
SGT	3043		1	0 1	0 1	0 1	0 1	0 1
SGT	3052		1	0 1	0 1	0 1	0 1	0 1
SGT	5811		15	0 15	0 15	0 15	0 15	0 15
SGT	6016		2	0 2	0 2	0 2	0 2	0 2
SGT	6032		5	0 5	0 5	0 5	0 5	0 5
SGT	6042		16	0 16	0 16	-2 14	-2 12	-1 11
SGT	6043		1	0 1	0 1	0 1	0 1	0 1
SGT	6044		18	0 18	0 18	-2 16	-2 14	-1 13
SGT	6047		10	0 10	0 10	0 10	0 10	0 10
SGT	6056		1	0 1	0 1	0 1	0 1	0 1
SGT	6048		19	0 19	0 19	-2 17	-2 15	-1 14
SGT	6072		6	0 6	0 6	0 6	0 6	0 6
SGT	6073		2	0 2	0 2	0 2	0 2	0 2
SGT	6075		2	0 2	0 2	0 2	0 2	0 2
SGT	6086		1	0 1	0 1	0 1	0 1	0 1
SGT	6092		1	0 1	0 1	0 1	0 1	0 1
SGT	6094		18	0 18	0 18	-2 16	-2 14	-1 13
SGT	6112		44	0 44	0 44	-4 40	-4 36	-2 34
SGT	6113		7	0 7	0 7	0 7	0 7	0 7
SGT	6122		18	0 18	0 18	-2 16	-2 14	-1 13
SGT	6132		18	0 18	0 18	-2 16	-2 14	-1 13



## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SGT	6152		56	0	56	0	56	-6	50	-6	44	-3	41
SGT	6153		7	0	7	0	7	0	7	0	7	0	7
SGT	6154		1	0	1	0	1	0	1	0	1	0	1
SGT	6172		79	0	79	0	79	-8	71	-8	63	-4	59
SGT	6173		14	0	14	0	14	0	14	0	14	0	14
SGT	6316		1	0	1	0	1	0	1	0	1	0	1
SGT	6322		39	0	39	0	39	-4	35	-4	31	-2	29
SGT	6323		7	0	7	0	7	0	7	0	7	0	7
SGT	6324		2	0	2	0	2	0	2	0	2	0	2
SGT	6336		1	0	1	0	1	0	1	0	1	0	1
SGT	6412		1	0	1	0	1	0	1	0	1	0	1
SGT	6413		18	0	18	0	18	-2	16	-2	14	-1	13
SGT	6422		17	0	17	0	17	-2	15	-2	13	-1	12
SGT	6433		19	0	19	0	19	-2	17	-2	15	-1	14
SGT	6492		1	0	1	0	1	0	1	0	1	0	1
SGT	6531		33	0	33	0	33	-4	29	-4	25	-2	23
SGT	6672		22	0	22	0	22	-2	20	-2	18	-1	17
SGT	6673		1	0	1	0	1	0	1	0	1	0	1
SGT	7041		20	0	20	0	20	-2	18	-2	16	-1	15
SGT	7382		1	0	1	0	1	0	1	0	1	0	1
SSGT	0193		2	0	2	0	2	0	2	0	2	0	2
SSGT	0211		1	0	1	0	1	0	1	0	1	0	1
SSGT	0231		14	0	14	0	14	-2	12	-2	10	-1	9
SSGT	2537		10	0	10	0	10	0	10	0	10	0	10
SSGT	0431		17	0	17	0	17	-2	15	-2	13	-1	12
SSGT	5811		4	0	4	0	4	0	4	0	4	0	4
SSGT	6016		1	0	1	0	1	0	1	0	1	0	1
SSGT	6042		1	0	1	0	1	0	1	0	1	0	1
SSGT	6044		1	0	1	0	1	0	1	0	1	0	1
SSGT	6047		18	0	18	0	18	-2	16	-2	14	-1	13
SSGT	6056		3	0	3	0	3	0	3	0	3	0	3
SSGT	6048		1	0	1	0	1	0	1	0	1	0	1
SSGT	6072		18	0	18	0	18	-2	16	-2	14	-1	13
SSGT	6094		1	0	1	0	1	0	1	0	1	0	1
SSGT	6112		44	0	44	0	44	-4	40	-4	36	-2	34
SSGT	6113		6	0	6	0	6	0	6	0	6	0	6
SSGT	6114		1	0	1	0	1	0	1	0	1	0	1
SSGT	6122		5	0	5	0	5	0	5	0	5	0	5
SSGT	6123		1	0	1	0	1	0	1	0	1	0	1
SSGT	6152		57	0	57	0	57	-6	51	-6	45	-3	42
SSGT	6153		3	0	3	0	3	0	3	0	3	0	3
SSGT	6154		2	0	2	0	2	0	2	0	2	0	2
SSGT	6172		40	0	40	0	40	-4	36	-4	32	-2	30
SSGT	6173		3	0	3	0	3	0	3	0	3	0	3
SSGT	6316		1	0	1	0	1	0	1	0	1	0	1
SSGT	6322		38	0	38	0	38	-4	34	-4	30	-2	28
SSGT	6323		6	0	6	0	6	0	6	0	6	0	6
SSGT	6324		1	0	1	0	1	0	1	0	1	0	1

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
SSGT	6336		1	0	1	0	1	0	1	0	1	0	1
SSGT	6414		1	0	1	0	1	0	1	0	1	0	1
SSGT	6434		1	0	1	0	1	0	1	0	1	0	1
SSGT	6492		1	0	1	0	1	0	1	0	1	0	1
SSGT	6494		1	0	1	0	1	0	1	0	1	0	1
SSGT	6531		17	0	17	0	17	-2	15	-2	13	-1	12
SSGT	6672		2	0	2	0	2	0	2	0	2	0	2
SSGT	6673		1	0	1	0	1	0	1	0	1	0	1
SSGT	7041		2	0	2	0	2	0	2	0	2	0	2
SSGT	7382		1	0	1	0	1	0	1	0	1	0	1
SSGT	8421		19	0	19	0	19	-2	17	-2	15	-1	14
SSGT	8711		17	0	17	0	17	-2	15	-2	13	-1	12
SSGT	9956		1	0	1	0	1	0	1	0	1	0	1
Fleet Support Billets USMC and AR													
CPL	0121		1	0	1	0	1	0	1	0	1	0	1
CPL	0151		2	0	2	0	2	0	2	0	2	0	2
CPL	0431		1	0	1	0	1	0	1	0	1	0	1
CPL	5711		1	0	1	0	1	0	1	0	1	0	1
CPL	6043		1	0	1	0	1	0	1	0	1	0	1
CPL	6048		2	0	2	0	2	0	2	0	2	0	2
CPL	6094		1	0	1	0	1	0	1	0	1	0	1
CPL	6112		1	0	1	0	1	0	1	0	1	0	1
CPL	6132		1	0	1	0	1	0	1	0	1	0	1
CPL	6172		10	0	10	0	10	0	10	0	10	0	10
CPL	6322		5	0	5	0	5	0	5	0	5	0	5
CPL	6413		3	0	3	0	3	0	3	0	3	0	3
CPL	6423		1	0	1	0	1	0	1	0	1	0	1
CPL	6433		1	0	1	0	1	0	1	0	1	0	1
CPL	6483		1	0	1	0	1	0	1	0	1	0	1
CPL	6492		1	0	1	0	1	0	1	0	1	0	1
CPL	6531		1	0	1	0	1	0	1	0	1	0	1
CPL	7041		1	0	1	0	1	0	1	0	1	0	1
CPL	9916		6	0	6	0	6	0	6	0	6	0	6
GYSGT	0193		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6112		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6152		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6172		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6322		1	0	1	0	1	0	1	0	1	0	1
LCPL	0121		2	0	2	0	2	0	2	0	2	0	2
LCPL	2111		1	0	1	0	1	0	1	0	1	0	1
LCPL	6042		1	0	1	0	1	0	1	0	1	0	1
LCPL	6046		2	0	2	0	2	0	2	0	2	0	2
LCPL	6048		3	0	3	0	3	0	3	0	3	0	3
LCPL	6072		5	0	5	0	5	0	5	0	5	0	5
LCPL	6073		2	0	2	0	2	0	2	0	2	0	2
LCPL	6092		1	0	1	0	1	0	1	0	1	0	1
LCPL	6094		1	0	1	0	1	0	1	0	1	0	1

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM
LCPL	6112		16	0	16	0	16	0	16	0	16	0	16
LCPL	6122		3	0	3	0	3	0	3	0	3	0	3
LCPL	6132		1	0	1	0	1	0	1	0	1	0	1
LCPL	6152		18	0	18	0	18	0	18	0	18	0	18
LCPL	6172		15	0	15	0	15	0	15	0	15	0	15
LCPL	6322		9	0	9	0	9	0	9	0	9	0	9
LCPL	6413		2	0	2	0	2	0	2	0	2	0	2
LCPL	6423		1	0	1	0	1	0	1	0	1	0	1
LCPL	6433		2	0	2	0	2	0	2	0	2	0	2
LCPL	6483		1	0	1	0	1	0	1	0	1	0	1
LCPL	6531		1	0	1	0	1	0	1	0	1	0	1
LCPL	6672		5	0	5	0	5	0	5	0	5	0	5
LCPL	7041		1	0	1	0	1	0	1	0	1	0	1
LCPL	9916		12	0	12	0	12	0	12	0	12	0	12
MGYSGT	6119		1	0	1	0	1	0	1	0	1	0	1
MGYSGT	6391		1	0	1	0	1	0	1	0	1	0	1
SGTMAJ	9999		1	0	1	0	1	0	1	0	1	0	1
MSGT	6119		1	0	1	0	1	0	1	0	1	0	1
SGT	0121		1	0	1	0	1	0	1	0	1	0	1
SGT	0151		1	0	1	0	1	0	1	0	1	0	1
SGT	6044		1	0	1	0	1	0	1	0	1	0	1
SGT	6045		2	0	2	0	2	0	2	0	2	0	2
SGT	6047		1	0	1	0	1	0	1	0	1	0	1
SGT	6048		1	0	1	0	1	0	1	0	1	0	1
SGT	6094		1	0	1	0	1	0	1	0	1	0	1
SGT	6112		18	0	18	0	18	0	18	0	18	0	18
SGT	6122		1	0	1	0	1	0	1	0	1	0	1
SGT	6152		4	0	4	0	4	0	4	0	4	0	4
SGT	6172		5	0	5	0	5	0	5	0	5	0	5
SGT	6322		4	0	4	0	4	0	4	0	4	0	4
SGT	6412		1	0	1	0	1	0	1	0	1	0	1
SGT	6433		1	0	1	0	1	0	1	0	1	0	1
SGT	6483		1	0	1	0	1	0	1	0	1	0	1
SGT	6492		1	0	1	0	1	0	1	0	1	0	1
SGT	6531		1	0	1	0	1	0	1	0	1	0	1
SGT	6672		1	0	1	0	1	0	1	0	1	0	1
SGT	7041		1	0	1	0	1	0	1	0	1	0	1
SGT	9916		2	0	2	0	2	0	2	0	2	0	2
SSGT	6047		2	0	2	0	2	0	2	0	2	0	2
SSGT	6048		1	0	1	0	1	0	1	0	1	0	1
SSGT	6112		5	0	5	0	5	0	5	0	5	0	5
SSGT	6152		5	0	5	0	5	0	5	0	5	0	5
SSGT	6172		2	0	2	0	2	0	2	0	2	0	2
SSGT	6322		3	0	3	0	3	0	3	0	3	0	3
SSGT	8421		1	0	1	0	1	0	1	0	1	0	1
SSGT	8711		1	0	1	0	1	0	1	0	1	0	1

Staff Billets USMC and AR

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
CPL	6172		10	0 10	0 10	0 10	0 10	0 10
CPL	6531		7	0 7	0 7	0 7	0 7	0 7
GYSGT	6072		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6073		1	0 1	0 1	0 1	0 1	0 1
GYSGT	6172		2	0 2	0 2	0 2	0 2	0 2
GYSGT	6541		1	0 1	0 1	0 1	0 1	0 1
SGT	6048		4	0 4	0 4	0 4	0 4	0 4
SGT	6072		10	0 10	0 10	0 10	0 10	0 10
SGT	6073		6	0 6	0 6	0 6	0 6	0 6
SGT	6112		1	0 1	0 1	0 1	0 1	0 1
SGT	6172		8	0 8	0 8	0 8	0 8	0 8
SGT	6322		1	0 1	0 1	0 1	0 1	0 1
SGT	6413		4	0 4	0 4	0 4	0 4	0 4
SGT	6483		4	0 4	0 4	0 4	0 4	0 4
SGT	6541		19	0 19	0 19	0 19	0 19	0 19
SGT	6322		1	0 1	0 1	0 1	0 1	0 1
SSGT	6072		3	0 3	0 3	0 3	0 3	0 3
SSGT	6092		3	0 3	0 3	0 3	0 3	0 3
SSGT	6112		1	0 1	0 1	0 1	0 1	0 1
SSGT	6172		4	0 4	0 4	0 4	0 4	0 4
SSGT	6531		2	0 2	0 2	0 2	0 2	0 2
SSGT	6541		2	0 2	0 2	0 2	0 2	0 2
Chargeable Student Billets USMC and AR			117	0 117	0 117	-4 113	-12 101	-10 91
SMCR Billets								
CPL	6046		3	0 3	0 3	0 3	0 3	0 3
CPL	6072		3	0 3	0 3	0 3	0 3	0 3
CPL	6073		1	0 1	0 1	0 1	0 1	0 1
CPL	6112		15	0 15	0 15	0 15	0 15	0 15
CPL	6152		6	0 6	0 6	0 6	0 6	0 6
CPL	6172		14	0 14	0 14	0 14	0 14	0 14
CPL	6322		9	0 9	0 9	0 9	0 9	0 9
CPL	6413		3	0 3	0 3	0 3	0 3	0 3
CPL	6672		3	0 3	0 3	0 3	0 3	0 3
CPL	7382		2	0 2	0 2	0 2	0 2	0 2
CPL	9916		2	0 2	0 2	0 2	0 2	0 2
GYSGT	6122		3	0 3	0 3	0 3	0 3	0 3
LCPL	0121		3	0 3	0 3	0 3	0 3	0 3
LCPL	0151		3	0 3	0 3	0 3	0 3	0 3
LCPL	0431		1	0 1	0 1	0 1	0 1	0 1
LCPL	6042		2	0 2	0 2	0 2	0 2	0 2
LCPL	6046		3	0 3	0 3	0 3	0 3	0 3
LCPL	6048		3	0 3	0 3	0 3	0 3	0 3
LCPL	6072		1	0 1	0 1	0 1	0 1	0 1
LCPL	6092		3	0 3	0 3	0 3	0 3	0 3
LCPL	6094		3	0 3	0 3	0 3	0 3	0 3

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
LCPL	6112		13	0 13	0 13	0 13	0 13	0 13
LCPL	6113		26	0 26	0 26	0 26	0 26	0 26
LCPL	6122		3	0 3	0 3	0 3	0 3	0 3
LCPL	6132		3	0 3	0 3	0 3	0 3	0 3
LCPL	6152		8	0 8	0 8	0 8	0 8	0 8
LCPL	6172		10	0 10	0 10	0 10	0 10	0 10
LCPL	6322		9	0 9	0 9	0 9	0 9	0 9
LCPL	6433		3	0 3	0 3	0 3	0 3	0 3
LCPL	6672		6	0 6	0 6	0 6	0 6	0 6
MGYSGT	6119		3	0 3	0 3	0 3	0 3	0 3
MSGT	6391		3	0 3	0 3	0 3	0 3	0 3
SGT	6042		3	0 3	0 3	0 3	0 3	0 3
SGT	6112		3	0 3	0 3	0 3	0 3	0 3
SGT	6531		3	0 3	0 3	0 3	0 3	0 3
SSGT	0231		3	0 3	0 3	0 3	0 3	0 3
SSGT	6322		3	0 3	0 3	0 3	0 3	0 3

### TOTAL USMC ENLISTED BILLETS:

Operational	3154	0 3154	0 3154	-310 2844	-310 2534	-154 2380
Fleet Support	225	0 225	0 225	0 225	0 225	0 225
Staff	95	0 95	0 95	0 95	0 95	0 95
Chargeable Student	117	0 117	0 117	-4 113	-12 101	-10 91
SMCR	188	0 188	0 188	0 188	0 188	0 188

## II.B. PERSONNEL REQUIREMENTS

### II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-2C-2408, H-46 Fleet Readiness Squadron (FRS) Pilot Instructor Under Training (IUT)

**COURSE LENGTH:** 7.6 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.15

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	23	23	23	0	0
		TOTAL:	23	23	23	0	0

**CIN, COURSE TITLE:** E-2C-2411, CH-46 Fleet Replacement Pilot (FRP) Category I Pipeline

**COURSE LENGTH:** 19.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.39

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	23	23	23	0	0
		TOTAL:	23	23	23	0	0

**CIN, COURSE TITLE:** E-2C-2412, H-46 Fleet Replacement Pilot (FRP) Category II Pipeline

**COURSE LENGTH:** 13.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.26

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	12	12	12	0	0
		TOTAL:	12	12	12	0	0

**CIN, COURSE TITLE:** E-2C-2413, H-46 Fleet Replacement Pilot (FRP) Category III Pipeline

**COURSE LENGTH:** 10.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.22

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	8	8	8	0	0
		TOTAL:	8	8	8	0	0

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** C-2D-3418, H-46 Aircraft Familiarization

**COURSE LENGTH:** 1.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	39	39	39	0	0
		TOTAL:	39	39	39	0	0

**CIN, COURSE TITLE:** NA-1, Modified CH-46 Pilot Training

**COURSE LENGTH:** 10.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.20

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HMMT-164, MCAS Camp Pendleton							
	USMC	USMC	24	24	23	20	18
		AR	0	0	0	0	0
		SMCR	2	2	2	2	2
		TOTAL:	26	26	25	22	20

**CIN, COURSE TITLE:** NA-2, Refresher CH-46 Pilot Training

**COURSE LENGTH:** 10.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.20

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HMMT-164, MCAS Camp Pendleton							
	USMC	USMC	24	24	23	20	18
		AR	0	0	0	0	0
		SMCR	2	2	2	2	2
		TOTAL:	26	26	25	22	20

**CIN, COURSE TITLE:** NA-3, Basic CH-46 Pilot Training

**COURSE LENGTH:** 20.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.40

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HMMT-164, MCAS Camp Pendleton							
	USMC	USMC	68	68	64	56	49
		AR	1	1	1	1	1
		SMCR	5	5	5	5	5
		TOTAL:	74	74	70	62	55

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-050-0011, H-46 Fleet Replacement Aircrew (FRAC) Category I

**COURSE LENGTH:** 10.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.20

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	45	37	21	0	0
		TOTAL:	45	37	21	0	0

**CIN, COURSE TITLE:** E-050-0020, H-46 Fleet Replacement Aircrewman (FRAC) Category II

**COURSE LENGTH:** 5.6 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	15	13	7	0	0
		TOTAL:	15	13	7	0	0

**CIN, COURSE TITLE:** E-050-0021, H-46 Aircrewman Instructor Under Training (IUT)

**COURSE LENGTH:** 7.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	0	0	0	0	0
		TOTAL:	0	0	0	0	0

**CIN, COURSE TITLE:** E-050-2400, H-46 Fleet Replacement Aircrewman (FRAC) Category I Pipeline

**COURSE LENGTH:** 10.6 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	49	41	23	0	0
		TOTAL:	49	41	23	0	0

**CIN, COURSE TITLE:** E-050-2401, H-46 Fleet Replacement Aircrew (FRAC) Category II Pipeline

**COURSE LENGTH:** 6.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HC-3, NAS North Island							
	NAVY	ACDU	6	5	5	0	0
		TOTAL:	6	5	5	0	0



## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-601-2415, CH-46 Crew Chief Training Syllabus

**COURSE LENGTH:** 25.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.52

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
HMMT-164, MCAS Camp Pendleton							
	USMC	USMC	93	93	88	79	72
		AR	5	5	5	5	5
		SMCR	2	2	2	2	2
		TOTAL:	100	100	95	86	79

**CIN, COURSE TITLE:** E-102-2422, H-46D Aircraft Communication/Navigation/Identification Systems Organizational Maintenance

**COURSE LENGTH:** 3.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	10	9	5	5	5
		TOTAL:	10	9	5	5	5

**CIN, COURSE TITLE:** M-102-2424, CH-46 Communication/Navigation/Identification Systems Organizational Maintenance

**COURSE LENGTH:** 12.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST New River							
	USMC	USMC	73	73	71	63	56
		SMCR	1	1	1	1	1
		TOTAL:	74	74	72	64	57

**CIN, COURSE TITLE:** M-102-2450, H-46 Electrical and Instruments Organizational Maintenance

**COURSE LENGTH:** 8.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.17

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	NAVY	ACDU	6	6	6	0	0
		TOTAL:	6	6	6	0	0

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-600-2401, H-46 Plane Captain/Non-Designated Airman Organizational Maintenance

**COURSE LENGTH:** 3.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	40	39	15	0	0
		TOTAL:40	39	15	0	0	

**CIN, COURSE TITLE:** E-601-2412, H-46D Helicopter Mechanic Organizational Maintenance

**COURSE LENGTH:** 5.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	21	21	21	21	19
		SELRES	0	0	0	0	0
		TOTAL:	21	21	21	21	19

**CIN, COURSE TITLE:** M-601-2414, CH-46 Power Plants, Power Train, and Rotors Organizational Maintenance

**COURSE LENGTH:** 8.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	NAVY	ACDU	23	23	23	0	0
	USMC	USMC	123	123	122	108	94
		AR	1	1	1	1	1
		SMCR	3	3	3	3	3
		TOTAL:	150	150	149	112	98

**CIN, COURSE TITLE:** E-602-2452, H-46D Electrical and Instruments / Automatic Flight Control Systems Organizational Maintenance

**COURSE LENGTH:** 7.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	11	11	11	11	9
		TOTAL:	11	11	11	11	9

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-602-2483, H-46D Structural / Hydraulics and Related Systems Organizational Maintenance

**COURSE LENGTH:** 6.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1028 NAMTRAU North Island							
	NAVY	ACDU	26	26	26	26	23
		TOTAL:	26	26	26	26	23

**CIN, COURSE TITLE:** M-602-2486, Helicopter Airframe Mechanic CH-46

**COURSE LENGTH:** 9.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	NAVY	ACDU	23	23	23	0	0
	USMC	USMC	77	77	75	67	59
		AR	5	5	5	5	5
		SMCR	1	1	1	1	1
		TOTAL:	106	106	104	73	65

**CIN, COURSE TITLE:** M-646-2044, H-1 Armament Systems Maintenance

**COURSE LENGTH:** 9.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1030 HMT-303 FREST, MCAS Camp Pendleton							
	USMC	USMC	22	22	22	19	17
		AR	1	1	1	1	1
		SMCR	0	0	1	0	0
		TOTAL:	23	23	24	20	18

**CIN, COURSE TITLE:** M-102-6412, Aircraft Communications Equipment Intermediate Maintenance

**COURSE LENGTH:** 12.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3001 VMAT-203 FREST, MCAS Cherry Point							
	USMC	USMC	1	1	1	1	1
		TOTAL:	1	1	1	1	1

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance

**COURSE LENGTH:** 9.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3001 VMAT-203 FREST, MCAS Cherry Point							
	USMC	USMC	10	10	10	9	8
		SMCR	0	1	0	0	0
		TOTAL:	10	11	10	9	8

**CIN, COURSE TITLE:** M-102-6483, Helo Deceptive Electronic Countermeasures Intermediate Maintenance

**COURSE LENGTH:** 11.0 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.22

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3001 VMAT-203 FREST, MCAS Cherry Point							
	USMC	USMC	6	6	6	5	5
		TOTAL:	6	6	6	5	5

**CIN, COURSE TITLE:** M-601-3024, T-58 Engine First Degree Intermediate Maintenance

**COURSE LENGTH:** 4.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.10

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	USMC	USMC	19	19	19	17	15
		SMCR	1	1	1	1	1
		TOTAL:	20	20	20	18	16

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance

**COURSE LENGTH:** 4.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	USMC	USMC	13	13	13	11	10
		SMCR	0	0	1	0	0
		TOTAL:	13	13	14	11	10

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-602-5812, CH-53D/E and CH-46 AFCS/Electrical Equipment Intermediate Maintenance

**COURSE LENGTH:** 11.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1027 CH-46 FREST, MCAS New River							
	USMC	USMC	10	10	10	9	8
		SMCR	0	0	1	0	0
		TOTAL:	10	10	11	9	8

**CIN, COURSE TITLE:** D-602-7032, Support Equipment Electrical / Refrigeration Intermediate Maintenance

**COURSE LENGTH:** 15.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3032 NAMTRAU Jacksonville							
	USMC	USMC	5	5	5	4	3
		TOTAL:	5	5	5	4	3

**CIN, COURSE TITLE:** E-602-7032, Support Equipment Electrical / Refrigeration Intermediate Maintenance

**COURSE LENGTH:** 15.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3033 NAMTRAU North Island							
	USMC	USMC	5	5	5	5	5
		SMCR	0	0	0	0	0
		TOTAL:	5	5	5	5	5

**CIN, COURSE TITLE:** D-602-7040, Support Equipment Engine / Gas Turbine and Related Systems Intermediate

**COURSE LENGTH:** 15.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.32

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3032 NAMTRAU Jacksonville							
	USMC	USMC	14	14	13	10	8
		AR	1	1	1	1	1
		SMCR	0	1	0	0	0
		TOTAL:	15	16	14	11	9

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** E-602-7040, Support Equipment Engine / Gas Turbine and Related Systems Intermediate

**COURSE LENGTH:** 15.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.32

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 3033 NAMTRAU North Island							
	USMC	USMC	14	14	14	14	13
		AR	1	1	1	1	1
		SMCR	0	1	0	0	0
		TOTAL:	15	16	15	15	14

**CIN, COURSE TITLE:** C-603-3191, Aircraft Non-Destructive Inspection Technician Class C1

**COURSE LENGTH:** 14.8 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 10% USMC: 0%

**BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
NATTC Pensacola							
	NAVY	ACDU	7	5	2	0	0
	USMC	USMC	5	5	5	5	4
		TOTAL:	12	10	7	5	4

**CIN, COURSE TITLE:** D-603-4007, Airframes Intermediate Maintenance

**COURSE LENGTH:** 4.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1039 NAMTRAU Oceana							
	USMC	USMC	5	5	4	3	3
		SMCR	0	1	0	0	0
		TOTAL:	5	6	4	3	3

**CIN, COURSE TITLE:** E-603-4007, Airframes Intermediate Maintenance

**COURSE LENGTH:** 4.2 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL
MTU 1038 NAMTRAU Lemoore							
	USMC	USMC	2	2	2	2	2
		SMCR	0	0	0	0	0
		TOTAL:	2	2	2	2	2

## II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-646-7026, Aviation Ordnance Technician Intermediate Maintenance

**COURSE LENGTH:** 11.4 Weeks

**NAVY TOUR LENGTH:** 36 Months

**ATTRITION** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.23

TRAINING		ACDU/TAR	CFY01	FY02	FY03	FY04	FY05
ACTIVITY	SOURCE	SELRES	OFF ENL	OFF ENL	OFF ENL	OFF ENL	OFF ENL
MTU 3001 VMAT-203 FREST, MCAS Cherry Point							
	USMC	USMC	9	9	8	7	6
		TOTAL:	9	9	8	7	6

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the H-46 Helicopter and, therefore, are not included in Part III of this NTSP:

### III.A.1. Initial Training Requirements

### III.A.2. Follow-on Training

#### III.A.2.b. Planned Courses

#### III.A.2.c. Unique Courses

### III.A.3. Existing Training Phased Out

**Note:** Current Navy CH-46 Activities are phasing out the CH-46 Helicopter and will be transitioning to the CH-60S Helicopter during the timeframe covered by this NTSP. No specific date has been established for the termination of Navy H-46 training. The first Navy CH-60S squadrons are scheduled to be operationally ready in FY02. Completion of the Navy transition to the CH-60S is currently scheduled for FY06. The Marine Corps will also begin phasing out the CH-46 Helicopter during the timeframe covered by this NTSP. They are transitioning to the V-22 Osprey. The first squadrons are scheduled to be operationally ready in FY03 with completion scheduled for FY12. Marine Corps training of the CH-46E Helicopter will continue well into the next decade.



## PART III - TRAINING REQUIREMENTS

### III.A. TRAINING COURSE REQUIREMENTS

#### III.A.2. FOLLOW-ON TRAINING

##### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-2C-2408, H-46 Fleet Readiness Squadron (FRS) Pilot Instructor Under Training (IUT)  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
23		23		23		0		0		ATIR
23		23		23		0		0		Output
3.3		3.3		3.3		0.0		0.0		AOB
3.3		3.3		3.3		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** E-2C-2411, CH-46 Fleet Replacement Pilot (FRP) Category I Pipeline  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
23		23		23		0		0		ATIR
23		23		23		0		0		Output
8.5		8.5		8.5		0.0		0.0		AOB
8.5		8.5		8.5		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** E-2C-2412, H-46 Fleet Replacement Pilot (FRP) Category II Pipeline  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
12		12		12		0		0		ATIR
12		12		12		0		0		Output
3.0		3.0		3.0		0.0		0.0		AOB
3.0		3.0		3.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-2C-2413, H-46 Fleet Replacement Pilot (FRP) Category III Pipeline  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
8		8		8		0		0		ATIR
8		8		8		0		0		Output
1.6		1.6		1.6		0.0		0.0		AOB
1.6		1.6		1.6		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** C-2D-3418, H-46 Aircraft Familiarization  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
39		39		39		0		0		ATIR
39		39		39		0		0		Output
0.5		0.5		0.5		0.0		0.0		AOB
0.5		0.5		0.5		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** NA-1, Modified CH-46 Pilot Training  
**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
24		24		23		20		18		ATIR
24		24		23		20		18		Output
4.5		4.5		4.3		3.7		3.4		AOB
4.5		4.5		4.3		3.7		3.4		Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
2		2		2		2		2		ATIR
2		2		2		2		2		Output
0.4		0.4		0.4		0.4		0.4		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** NA-2, Refresher CH-46 Pilot Training  
**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
24		24		23		20		18		ATIR
24		24		23		20		18		Output
4.5		4.5		4.3		3.7		3.4		AOB
4.5		4.5		4.3		3.7		3.4		Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
2		2		2		2		2		ATIR
2		2		2		2		2		Output
0.4		0.4		0.4		0.4		0.4		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** NA-3, Basic CH-46 Pilot Training  
**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
69		69		65		57		50		ATIR
69		69		65		57		50		Output
26.1		26.1		24.6		21.6		18.9		AOB
26.1		26.1		24.6		21.6		18.9		Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
5		5		5		5		5		ATIR
5		5		5		5		5		Output
1.9		1.9		1.9		1.9		1.9		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-050-0011, H-46 Fleet Replacement Aircrew (FRAC) Category I  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	45		37		21		0		0	ATIR
	45		37		21		0		0	Output
	8.4		6.9		3.9		0.0		0.0	AOB
	8.4		6.9		3.9		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-050-0020, H-46 Fleet Replacement Aircrewman (FRAC) Category II  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		13		7		0		0	ATIR
	15		13		7		0		0	Output
	1.5		1.3		0.7		0.0		0.0	AOB
	1.5		1.3		0.7		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-050-0021, H-46 Aircrewman Instructor Under Training  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-050-2400, H-46 Fleet Replacement Aircrewman (FRAC) Category I Pipeline  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	49		41		23		0		0	ATIR
	44		37		21		0		0	Output
	9.4		7.8		4.4		0.0		0.0	AOB
	9.4		7.8		4.4		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-050-2401, H-46 Fleet Replacement Aircrew (FRAC) Category II Pipeline  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		5		5		0		0	ATIR
	5		5		5		0		0	Output
	0.7		0.6		0.6		0.0		0.0	AOB
	0.7		0.6		0.6		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-2415, CH-46 Crew Chief Training Syllabus  
**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	98		98		93		84		77	ATIR
	98		98		93		84		77	Output
	48.1		48.1		45.7		41.2		37.8	AOB
	48.1		48.1		45.7		41.2		37.8	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	1.0		1.0		1.0		1.0		1.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-102-2422, H-46D Aircraft Communication/ Navigation/ Identification Systems Organizational  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	10		9		5		5		5	ATIR
	9		8		5		5		5	Output
	0.6		0.5		0.3		0.3		0.3	AOB
	0.6		0.5		0.3		0.3		0.3	Chargeable

**CIN, COURSE TITLE:** M-102-2424, CH-46 Communication / Navigation / Identification Systems Organizational  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	73		73		71		63		56	ATIR
	73		73		71		63		56	Output
	17.0		17.0		16.5		14.7		13.0	AOB
	17.0		17.0		16.5		14.7		13.0	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-102-2450, H-46 Electrical and Instruments Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		0		0	ATIR
	6		6		6		0		0	Output
	1.0		1.0		1.0		0.0		0.0	AOB
	1.0		1.0		1.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-600-2401, H-46 Plane Caption / Non-Designated Airman Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	40		39		15		0		0	ATIR
	36		35		14		0		0	Output
	2.3		2.2		0.9		0.0		0.0	AOB
	2.3		2.2		0.9		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-601-2412, H-46D Helicopter Mechanic Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	21		21		21		21		19	ATIR
	19		19		19		19		17	Output
	2.0		2.0		2.0		2.0		1.8	AOB
	2.0		2.0		2.0		2.0		1.8	Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-2414, CH-46 Power Plants, Power Train, and Rotors Organizational Maintenance  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	23		23		23		0		0	ATIR
	23		23		23		0		0	Output
	1.9		1.9		1.9		0.0		0.0	AOB
	1.9		1.9		1.9		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	124		124		123		109		95	ATIR
	124		124		123		109		95	Output
	10.2		10.2		10.1		9.0		7.8	AOB
	10.2		10.2		10.1		9.0		7.8	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-602-2452, H-46D Electrical and Instruments / Automatic Flight Control Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY      **STUDENT CATEGORY:** ACDCU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	11		11		11		11		9	ATIR
	10		10		10		10		8	Output
	1.5		1.5		1.5		1.5		1.2	AOB
	1.5		1.5		1.5		1.5		1.2	Chargeable

**CIN, COURSE TITLE:** E-602-2483, H-46D Structural / Hydraulics and Related Systems Organizational Maintenance

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

**SOURCE:** NAVY      **STUDENT CATEGORY:** ACDCU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	26		26		26		26		23	ATIR
	23		23		23		23		21	Output
	2.9		2.9		2.9		2.9		2.6	AOB
	2.9		2.9		2.9		2.9		2.6	Chargeable



### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-602-2486, Helicopter Airframe Mechanic CH-46

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	23		23		23		0		0	ATIR
	23		23		23		0		0	Output
	3.8		3.8		3.8		0.0		0.0	AOB
	3.8		3.8		3.8		0.0		0.0	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	82		82		80		72		64	ATIR
	82		82		80		72		64	Output
	13.7		13.7		13.3		12.0		10.7	AOB
	13.7		13.7		13.3		12.0		10.7	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-646-2044, H-1 Armament Systems Maintenance

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	23		23		23		20		18	ATIR
	23		23		23		20		18	Output
	4.1		4.1		4.1		3.6		3.2	AOB
	4.1		4.1		4.1		3.6		3.2	Chargeable

### III.A.2.a. EXISTING COURSES

SOURCE: USMC STUDENT CATEGORY: SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.2		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: M-102-6412, Aircraft Communications Equipment Intermediate Maintenance

TRAINING ACTIVITY: MTU 3001 VMAT-203 FREST

LOCATION, UIC: MCAS Cherry Point, 31511

SOURCE: USMC STUDENT CATEGORY: USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

CIN, COURSE TITLE: M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance

TRAINING ACTIVITY: MTU 3001 VMAT-203 FREST

LOCATION, UIC: MCAS Cherry Point, 31511

SOURCE: USMC STUDENT CATEGORY: USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	10		10		10		9		8	ATIR
	10		10		10		9		8	Output
	1.8		1.8		1.8		1.6		1.4	AOB
	1.8		1.8		1.8		1.6		1.4	Chargeable

SOURCE: USMC STUDENT CATEGORY: SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		0	ATIR
	0		1		0		0		0	Output
	0.0		0.2		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-102-6483, Helo Deceptive Electronic Countermeasures Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 3001 VMAT-203 FREST  
**LOCATION, UIC:** MCAS Cherry Point, 31511

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		5		5	ATIR
	6		6		6		5		5	Output
	1.2		1.2		1.2		1.0		1.0	AOB
	1.2		1.2		1.2		1.0		1.0	Chargeable

**CIN, COURSE TITLE:** M-601-3024, T-58 Engine First Degree Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	19		19		19		17		15	ATIR
	19		19		19		17		15	Output
	1.7		1.7		1.7		1.5		1.3	AOB
	1.7		1.7		1.7		1.5		1.3	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	13		13		13		11		10	ATIR
	13		13		13		11		10	Output
	1.0		1.0		1.0		0.9		0.8	AOB
	1.0		1.0		1.0		0.9		0.8	Chargeable

### III.A.2.a. EXISTING COURSES

SOURCE: USMC STUDENT CATEGORY: SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.1		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: M-602-5812, CH-53D/E and CH-46 AFCS / Electrical Equipment Intermediate Maintenance

TRAINING ACTIVITY: MTU 1027 CH-46 FREST

LOCATION, UIC: MCAS New River, 31513

SOURCE: USMC STUDENT CATEGORY: USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	10		10		10		9		8	ATIR
	10		10		10		9		8	Output
	2.2		2.2		2.2		1.9		1.7	AOB
	2.2		2.2		2.2		1.9		1.7	Chargeable

SOURCE: USMC STUDENT CATEGORY: SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.2		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: D-602-7032, Support Equipment Electrical / Refrigeration Intermediate Maintenance

TRAINING ACTIVITY: MTU 3032 NAMTRAU

LOCATION, UIC: Jacksonville, 66051

SOURCE: USMC STUDENT CATEGORY: USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		5		4		3	ATIR
	5		5		5		4		3	Output
	1.5		1.5		1.5		1.2		0.9	AOB
	1.5		1.5		1.5		1.2		0.9	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-602-7032, Support Equipment Electrical / Refrigeration Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 3033 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		5		5		5	ATIR
	5		5		5		5		5	Output
	1.5		1.5		1.5		1.5		1.5	AOB
	1.5		1.5		1.5		1.5		1.5	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** D-602-7040, Support Equipment Engine / Gas Turbine and Related Systems Intermediate  
**TRAINING ACTIVITY:** MTU 3032 NAMTRAU  
**LOCATION, UIC:** Jacksonville, 66051

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		14		11		9	ATIR
	15		15		14		11		9	Output
	4.5		4.5		4.2		3.3		2.7	AOB
	4.5		4.5		4.2		3.3		2.7	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		0	ATIR
	0		1		0		0		0	Output
	0.0		0.3		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** E-602-7040, Support Equipment Engine / Gas Turbine and Related Systems Intermediate  
**TRAINING ACTIVITY:** MTU 3033 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		14	ATIR
	15		15		15		15		14	Output
	4.5		4.5		4.5		4.5		4.2	AOB
	4.5		4.5		4.5		4.5		4.2	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		0	ATIR
	0		1		0		0		0	Output
	0.0		0.3		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** C-603-3191, Aircraft Non-Destructive Inspection Technician Class C1  
**TRAINING ACTIVITY:** NATTC  
**LOCATION, UIC:** Pensacola, 45291

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDCU - TAR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	7		5		2		0		0	ATIR
	6		5		2		0		0	Output
	1.9		1.3		0.5		0.0		0.0	AOB
	1.9		1.3		0.5		0.0		0.0	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		5		5		4	ATIR
	5		5		5		5		4	Output
	1.4		1.4		1.4		1.4		1.1	AOB
	1.4		1.4		1.4		1.4		1.1	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** D-603-4007, Airframes Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1039 NAMTRAU  
**LOCATION, UIC:** Oceana, 66045

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		4		3		3	ATIR
	5		5		4		3		3	Output
	0.4		0.4		0.3		0.2		0.2	AOB
	0.4		0.4		0.3		0.2		0.2	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		0	ATIR
	0		1		0		0		0	Output
	0.0		0.1		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** E-603-4007, Airframes Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** Lemoore, 66060

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-646-7026, Aviation Ordnance Technician Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 3001 VMAT-203 FREST

**LOCATION, UIC:** MCAS Cherry Point, 31511

**SOURCE:** USMC

**STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		8		7		6	ATIR
	9		9		8		7		6	Output
	1.9		1.9		1.7		1.5		1.3	AOB
	1.9		1.9		1.7		1.5		1.3	Chargeable



## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the H-46 Helicopter and, therefore, are not included in Part IV of this NTSP:

### IV.B.1. Training Services

### IV.C. Facility Requirements

#### IV.C.1. Facility Requirements Summary (Space/Support) by Activity

#### IV.C.2. Facility Requirements Detailed by Activity and Course

#### IV.C.3. Facility Project Summary by Program

**Note:** Current course data was provided from NAMTRAGRU Headquarters. Some of the course and/or tracks have not been updated in CANTRAC and OATMS. In 1998, N889 exempted the H-46 community from converting to the Initial and Career Course format. The primary reason was the cross-training requirements between the Navy and Marine Corps. Career Courses identified in CANTRAC and OATMS are not included in this NTSP.

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

### IV.A. TRAINING HARDWARE

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-102-3422, H-46D CNI Systems Organizational Maintenance (Track E-102-2422)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Receiver, Radio, ARN59	1	Jun 96	GFE	Onboard
002	Indicator, Hover - ID-864	1	Jun 96	GFE	Onboard
003	Indicator, Ground Speed/Drift Angle	1	Jun 96	GFE	Onboard
004	Altimeter Encoder	1	Jun 96	GFE	Onboard
005	Control, Radio Set, ARC-182	1	Jun 96	GFE	Onboard
006	Receiver/Transmitter, ARC-182	1	Jun 96	GFE	Onboard
007	Radio Set, ARC-94	1	Jun 96	GFE	Onboard
008	Attitude Director Indicator	1	Jun 96	GFE	Onboard
009	Receiver/Transmitter, APN-182	1	Jun 96	GFE	Onboard
010	Power Supply	1	Jun 96	GFE	Onboard
011	Control, Indicator	1	Jun 96	GFE	Onboard
012	Time Domain Reflectometer	1	Jun 96	GFE	Onboard
<b>GPTE</b>					
001	Receiver/Transmitter, ARC51A	1	Jun 96	GFE	Onboard
002	Receiver/Transmitter - 4023400-0501	1	Jun 96	GFE	Onboard
003	Bearing Distance Heading Indicator	1	Jun 96	GFE	Onboard
004	Receiver/Transmitter, RT-1159	1	Jun 96	GFE	Onboard
005	Receiver/Transmitter, Radar, APN-171	1	Jun 96	GFE	Onboard
006	Height, Indicator	1	Jun 96	GFE	Onboard
007	Converter, Signal Data	1	Jun 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

008	Test Set, Transponder	1	Jun 96	GFE	Onboard
009	Test Set, Transponder	1	Jun 96	GFE	Onboard

#### SPTE

001	Test Set, TACAN	1	Jun 96	GFE	Onboard
002	Test Set, RADAR	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-102-3416, H-46 CNI Systems Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Receiver, Radio, ARN59	1	Jun 96	GFE	Onboard
002	Indicator, Hover - ID-864	1	Jun 96	GFE	Onboard
003	Indicator, Ground Speed/Drift Angle	1	Jun 96	GFE	Onboard
004	Altimeter Encoder	1	Jun 96	GFE	Onboard
005	Control, Radio Set, ARC-182	1	Jun 96	GFE	Onboard
006	Receiver/Transmitter, ARC-182	1	Jun 96	GFE	Onboard
007	Radio Set, ARC-94	1	Jun 96	GFE	Onboard
008	Attitude Director Indicator	1	Jun 96	GFE	Onboard
009	Receiver/Transmitter, APN-182	1	Jun 96	GFE	Onboard
010	Power Supply	1	Jun 96	GFE	Onboard
011	Control, Indicator	1	Jun 96	GFE	Onboard
012	Time Domain Reflectometer	1	Jun 96	GFE	Onboard
<b>GPTE</b>					
001	Receiver/Transmitter, ARC51A	1	Jun 96	GFE	Onboard
002	Receiver/Transmitter - 4023400-0501	1	Jun 96	GFE	Onboard
003	Bearing Distance Heading Indicator	1	Jun 96	GFE	Onboard
004	Receiver/Transmitter, RT-1159	1	Jun 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

005	Receiver/Transmitter, Radar, APN-171	1	Jun 96	GFE	Onboard
006	Height, Indicator	1	Jun 96	GFE	Onboard
007	Converter, Signal Data	1	Jun 96	GFE	Onboard
008	Test Set, Transponder	1	Jun 96	GFE	Onboard
009	Test Set, Transponder	1	Jun 96	GFE	Onboard

**SPTE**

001	Test Set, TACAN	1	Jun 96	GFE	Onboard
002	Test Set, RADAR	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
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**TTE**

001	AFCS Control Box	1	Jun 96	GFE	Onboard
002	Differential A/S Hold (DASH) Actuator	1	Jun 96	GFE	Onboard

**SPTE**

001	AFCS Line Test Set	1	Jun 96	GFE	Onboard
002	Pressure Temperature Test Set	1	Jun 96	GFE	Onboard
003	Extensible Link Test Set	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-198-3416, H-46 Night Vision Goggles/Head-Up Display System Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
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**TTE**

003	Signal Data Converter - 125110-004	1	Jun 98	GFE	Onboard
004	Converter Control Unit - ECMK736A01M	1	Jun 98	GFE	Onboard
005	Night Vision Goggles - 5002500	2	Jun 98	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

006	Pilot Helmet - 89D7748-2	1	Jun 98	GFE	Onboard
007	Pilot Helmet - 89D7748-3	1	Jun 98	GFE	Onboard
008	Display Unit - 125200-001	2	Jun 98	GFE	Onboard
<b>ST</b>					
001	Tool Box - AE/138	1	Jun 98	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3421, H-46 Electrical and Instruments Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	ASE Actuator	1	Jun 96	GFE	Onboard
002	Crewman Controller	1	Jun 96	GFE	Onboard
003	Cruise Guide Signal Conditioner	1	Jun 96	GFE	Onboard
004	Fuel Quantity System Signal Processor	1	Jun 96	GFE	Onboard
005	Attitude Indicator	1	Jun 96	GFE	Onboard
006	Actuator, Linear	1	Jun 96	GFE	Onboard
007	MA-1 Gyro	1	Jun 96	GFE	Onboard
008	PMS Amplifier	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AFCS Control Box	1	Jun 96	GFE	Onboard
002	Differential A/S Hold (DASH) Actuator	1	Jun 96	GFE	Onboard
<b>SPTE</b>					
001	AFCS Line Test Set	1	Jun 96	GFE	Onboard
002	Pressure Temperature Test Set	1	Jun 96	GFE	Onboard
003	Extensible Link Test Set	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-601-4416, H-46D (SR&M) Helicopter Mechanic Organizational Maintenance (Track E-601-2412)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Rotor Head	1	Jun 96	GFE	Onboard
002	Cutaway T-58 Engine	1	Jun 96	GFE	Onboard
003	Jet Engine - T58-GE-402	1	Jun 96	GFE	Onboard
004	Shaft assembly, Drive	1	Jun 96	GFE	Onboard
005	Amplifier, PMS	1	Jun 96	GFE	Onboard
006	Tube Assembly	1	Jun 96	GFE	Onboard
007	Blower	1	Jun 96	GFE	Onboard
008	Oil Cooler	1	Jun 96	GFE	Onboard
009	Adapter, Shaft Splined	1	Jun 96	GFE	Onboard
010	Shock Absorber Assembly	1	Jun 96	GFE	Onboard
011	Valve, Pressure Fueling and Defueling	1	Jun 96	GFE	Onboard
<b>ST</b>					
001	Hoisting Unit, Engine	1	Jun 96	GFE	Onboard
002	Wrench, Torque	1	Jun 96	GFE	Onboard
003	Adapter, Torque Reaction	1	Jun 96	GFE	Onboard
004	Torque Multiplier	1	Jun 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-600-3422, H-46E Mechanics Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Rotor Head	1	Jun 96	GFE	Onboard
002	Cutaway T-58 Engine	1	Jun 96	GFE	Onboard
003	Jet Engine - T58-GE-402	1	Jun 96	GFE	Onboard
<b>ST</b>					
001	Hoisting Unit, Engine	1	Jun 96	GFE	Onboard
002	Wrench, Torque	1	Jun 96	GFE	Onboard
003	Adapter, Torque Reaction	1	Jun 96	GFE	Onboard
004	Torque Multiplier	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-600-9422, H-46 Mechanic Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Shaft assembly, Drive	1	Jun 96	GFE	Onboard
002	Amplifier, PMS	1	Jun 96	GFE	Onboard
003	Tube Assembly	1	Jun 96	GFE	Onboard
004	Blower	1	Jun 96	GFE	Onboard
005	Oil Cooler	1	Jun 96	GFE	Onboard
006	Adapter, Shaft Splined	1	Jun 96	GFE	Onboard
007	Shock Absorber Assembly	1	Jun 96	GFE	Onboard
008	Valve, Pressure Fueling and Defueling	1	Jun 96	GFE	Onboard
<b>ST</b>					
001	Clamp Assembly, Trim Tab Bending - A02G1388-1	1	Jun 95	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-602-3425, H-46D Electrical and Instruments (Initial) Organizational Maintenance (Track E-602-2452)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	ASE Actuator	1	Jun 96	GFE	Onboard
002	Crewman Controller	1	Jun 96	GFE	Onboard
003	Cruise Guide Signal Conditioner	1	Jun 96	GFE	Onboard
004	Fuel Quantity System Signal Processor	1	Jun 96	GFE	Onboard
005	Attitude Indicator	1	Jun 96	GFE	Onboard
006	Actuator, Linear	1	Jun 96	GFE	Onboard
007	MA-1 Gyro	1	Jun 96	GFE	Onboard
008	PMS Amplifier	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3432, H-46D Electrical and Instruments / Automatic Flight Control Systems Organizational Maintenance (Track E-602-2452)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AFCS Control Box	1	Jun 96	GFE	Onboard
002	Differential A/S Hold (DASH) Actuator	1	Jun 96	GFE	Onboard
<b>SPTE</b>					
001	AFCS Line Test Set	1	Jun 96	GFE	Onboard
002	Pressure Temperature Test Set	1	Jun 96	GFE	Onboard
003	Extensible Link Test Set	1	Jun 96	GFE	Onboard



#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-603-3423, H46D Structural and Hydraulic Power and Related Systems Organizational Maintenance  
(Track E-602-2483)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	APU Start Module	1	Jun 96	GFE	Onboard
002	Flight Control Module	1	Jun 96	GFE	Onboard
003	AFCS Extension Link	1	Jun 96	GFE	Onboard
004	Rotor Brake	1	Jun 96	GFE	Onboard
<b>SPTE</b>					
001	Analysis Kit, Hydraulic	1	Jun 96	GFE	Onboard
002	Scale, Beam Indicator	1	Jun 96	GFE	Onboard
003	Rigging Set	1	Jun 96	GFE	Onboard
004	Jack, Hydraulic Tripod	1	Jun 96	GFE	Onboard
005	Control Cable Rigging Tool	1	Jun 96	GFE	Onboard
006	Tire Inflation Assembly	1	Jun 96	GFE	Onboard
007	Cage, Tire Inflation	1	Jun 96	GFE	Onboard
008	Clamp Assembly, Trim Tab Bending	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-603-3419, CH-46 Structural and Hydraulic System Organizational Maintenance (Track M-602-2486)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	APU Start Module	1	Jun 96	GFE	Onboard
002	Flight Control Module	1	Jun 96	GFE	Onboard
003	AFCS Extension Link	1	Jun 96	GFE	Onboard
004	Rotor Brake	1	Jun 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

##### SPTE

001	Analysis Kit, Hydraulic	1	Jun 96	GFE	Onboard
002	Scale, Beam Indicator	1	Jun 96	GFE	Onboard
003	Rigging Set	1	Jun 96	GFE	Onboard
004	Jack, Hydraulic Tripod	1	Jun 96	GFE	Onboard
005	Control Cable Rigging Tool	1	Jun 96	GFE	Onboard
006	Tire Inflation Assembly	1	Jun 96	GFE	Onboard
007	Cage, Tire Inflation	1	Jun 96	GFE	Onboard
008	Clamp Assembly, Trim Tab Bending	1	Jun 96	GFE	Onboard

**CIN, COURSE TITLE:** C-600-3419, H-46 Fiberglass Rotor Blade Repair Organizational Maintenance (Track M-602-2486)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	Rotor Blade - A02R1702-7	3	Jun 95	GFE	Onboard
<b>SPTE</b>					
001	Scale, Weighing - 760	1	Jun 95	GFE	Onboard
002	Cleaner, Vacuum	1	Jun 95	GFE	Onboard
003	Drill, Special Tip - A02G1393-1	1	Jun 95	GFE	Onboard
004	Insertor Screw - THD428L	1	Jun 95	GFE	Onboard
005	Riverter, Blind Hand - THD428L	1	Jun 95	GFE	Onboard

**CIN, COURSE TITLE:** C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance (Track M-646-2044)  
**TRAINING ACTIVITY:** MTU 1030 HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	Gun Assembly, Machine; Aircraft 7.62MM	2	Mar 93	GFE	Onboard
002	Feeder, M-89	1	Mar 93	GFE	Onboard
003	M197 Automatic Gun	2	Mar 93	GFE	Onboard
004	Fixture, Feed Unit	1	Mar 93	GFE	Onboard
005	Guided Missile, Training	2	Mar 93	GFE	Onboard
006	GAU-2B/A Adapter Assembly	1	Mar 93	GFE	Onboard
007	Gauge Assembly, Guide Bar	1	Mar 93	GFE	Onboard
008	Launcher, XM85 (TOW)	2	Mar 93	GFE	Onboard
009	Aircraft Machine Gun, 7.62MM M-60D	2	Mar 93	GFE	Onboard
010	M-89E-1 Delinking Feeder	1	Mar 93	GFE	Onboard
011	Guided Missile, Training ATM-9L	1	Mar 93	GFE	Onboard
012	Programmer	2	Mar 93	GFE	Onboard
013	Launcher, LAU-7	1	Mar 93	GFE	Onboard

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 2F117A Weapons System Trainer  
**DESCRIPTION:** The CH-46 WST is used to train crewmembers in all modes of the operational aircraft's mission. The device simulates the response of the CH-46 controls, instruments, and systems, to include the aural, motion, and force-feel sensations. The trainer provides the capability for procedure and proficiency training of pilots and copilots under both normal and emergency conditions in the operation, navigation, and communications of the CH-46 helicopter in fulfillment of their designated missions.

**MANUFACTURER:** Raytheon  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	May 96	Jun 96	Onboard	NA-1 NA-2 NA-3

**DEVICE:** 2F117B Operational Flight Trainer  
**DESCRIPTION:** The CH-46 OFT provides for increased pilot proficiency training by simulation of the following operations: normal/emergency procedures (air, land, and shipboard), preflight, startup, takeoff, maneuvers, instrument flight, loading operations, landing, shutdown, and postflight.

**MANUFACTURER:** Repletone, Inc.  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** HC-3  
**LOCATION, UIC:** NAS North Island, 09822

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	May 96	Jun 96	Onboard	E-2C-2411 E-2C-2412 E-2C-2413 E-2C-2408

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 2F173 Helicopter Weapon System Trainer  
**DESCRIPTION:** The CH-46 WST is used to train crewmembers in all modes of the operational aircraft's mission. The device simulates the response of the CH-46 controls, instruments, and systems, to include the aural, motion, and force-feel sensations. The trainer provides the capability for procedure and proficiency training of pilots and copilots under both normal and emergency conditions in the operation, navigation, and communications of the CH-46 helicopter in fulfillment of their designated missions.

**MANUFACTURER:** Raytheon, Inc.  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 96	Aug 96	Onboard	M-601-2415

**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Aug 96	Aug 96	Onboard	NA-1 NA-2 NA-3

**DEVICE:** CH-46 Aircrew Procedures Trainer  
**DESCRIPTION:** The CH-46 APT provides the capability for procedure and proficiency training of pilots and copilots under both normal and emergency conditions in the operation, navigation, and communications of the CH-46 Helicopter in fulfillment of their designated missions. This trainer only provides training in a stationary environment.

**MANUFACTURER:** Enzian Technologies  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Apr 95	May 95	Onboard	NA-1 NA-2 NA-3

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 980-461-1001 H-46 Composite Maintenance Trainer  
**DESCRIPTION:** The CH-46 Composite Maintenance Trainer provides practical training for the power plant, power train, flight control, hydraulic, and miscellaneous systems.

**MANUFACTURER:** Boeing Vertol/Honeywell  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 95	Jul 95	Onboard	C-102-3416 (Track M-102-2424) C-102-3419 (Track M-102-2424) C-102-3421 (Track M-102-2424) C-602-3421 (Track M-102-2424) C-602-3428 (Track M-102-2424) C-602-3421 (Track M-102-2450) C-602-3428 (Track M-102-2450) C-600-3422 (Track M-601-2414) C-600-9422 (Track M-601-2414) C-603-3419 (Track M-602-2486)

**DEVICE:** 980-462-1001 H-46 Composite Maintenance Trainer  
**DESCRIPTION:** The CH-46 Composite Maintenance Trainer provides practical training for the power plant, power train, flight control, hydraulic, and miscellaneous systems.

**MANUFACTURER:** Boeing Vertol/Honeywell  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 95	Jul 95	Onboard	C-102-3416 (Track M-102-2424) C-102-3419 (Track M-102-2424) C-102-3421 (Track M-102-2424) C-602-3421 (Track M-102-2424) C-602-3428 (Track M-102-2424) C-602-3421 (Track M-102-2450) C-602-3428 (Track M-102-2450) C-600-3422 (Track M-601-2414) C-600-9422 (Track M-601-2414) C-603-3419 (Track M-602-2486)

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 980-463-1001 H-46 Composite Maintenance Trainer  
**DESCRIPTION:** The CH-46 Composite Maintenance Trainer provides practical training for the power plant, power train, flight control, hydraulic, and miscellaneous systems.

**MANUFACTURER:** Boeing Vertol/Honeywell  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Mar 96	Jan 97	Onboard	C-198-3416 (Track M-102-2424) C-601-4416 (Track E-601-2412) C-600-3422 (Track M-601-2414) C-600-9422 (Track M-601-2414) C-602-3425 (Track E-602-2452) C-602-3432 (Track E-602-2452) C-603-3423 (Track E-602-2483)

**DEVICE:** A02Z4900-1 Electrical Distribution System Trainer, H-46D/E  
**DESCRIPTION:** The CH46 Electrical Systems Trainer provides Avionics Technicians training on the electrical systems of the helicopter including system testing, troubleshooting, component removal, and replacement.

**MANUFACTURER:** Boring Vertol  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jul 96	Onboard	C-602-3421 (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jul 96	Onboard	C-602-3425 (Track E-602-2452)

#### IV.A.2. TRAINING DEVICES

**DEVICE:** A02Z8003-1 Hydraulic Auxiliary Power Unit System Trainer  
**DESCRIPTION:** The Auxiliary Power Plant unit System Trainer provides the equipment necessary for training technicians to maintain the CH-46 Auxiliary Power Plant.

**MANUFACTURER:** Boeing Vertol  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jul 96	Onboard	C-602-3421 (Track M-102-2424) C-602-3421 (Track M-102-2450) C-600-9422 (Track M-601-2414) C-603-3419 (Track M-602-2486)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jul 96	Onboard	C-601-4416 (Track E-601-2412) C-602-3425 (Track E-602-2452)

**DEVICE:** A15Z5400-1  
**DESCRIPTION:** Maintenance Trainer Console  
**MANUFACTURER:** Boeing Atlantis  
**CONTRACT NUMBER:** See Note  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MTU 1028  
**LOCATION, UIC:** NAMTRAU North Island, 66065

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jul 96	Onboard	C-603-3423 (Track E-602-2483)



#### IV.B. COURSEWARE REQUIREMENTS

##### IV.B.1. TRAINING SERVICES

##### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** E-2C-2411, CH-46 FRP Category 1 Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-2C-2412, H-46 FRP Category II Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-2C-2413, H-46 FRP Category III Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-2C-2408, H-46 FRS Pilot Instructor Under Training (IUT)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** NA-1, Modified CH-46 Pilot Training

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard



#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** NA-2, Refresher CH-46 Pilot Training

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** NA-3, Basic CH-46 Pilot Training

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0011, H-46 FRAC Category I

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0020, H-46 Fleet Replacement Aircrewman (FRAC) Category II

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Student Guides	50	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0020, H-46 FRAC Category II

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** E-050-0021, H-46 Aircrewman IUT

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-2400, H-46 FRAC Category I Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-2401, H-46 FRAC Category II Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** M-601-2415, CH-46 Crew Chief Training Syllabus

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-102-3422, H-46D CNI Systems Organizational Maintenance (Track E-102-2422)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	52	Jun 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-102-3416, H-46 CNI Systems Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-102-3419, H-46 ECM Systems Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jan 99	Onboard
Student Guides	50	Jan 99	Onboard
Student Tests	8	Jan 99	Onboard
Transparencies	13	Jan 99	Onboard

**CIN, COURSE TITLE:** C-102-3421, H-46 Communication Navigation Control System Organizational Maintenance  
(Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3421, H-46 Electrical and Instruments Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-198-3416, H-46 Night Vision Goggles / Head-Up Display System Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	10	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	10	Jun 95	Onboard
Transparencies	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3421, H-46 Electrical and Instruments Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard

**CIN, COURSE TITLE:** C-601-4416, H-46D (SR&M) Helicopter Mechanic Organizational Maintenance (Track E-601-2412)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	72	Jun 95	Onboard

**CIN, COURSE TITLE:** C-600-3422, H-46E Mechanic Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	39	Jun 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-600-9422, H-46 Mechanic Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	39	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3425, H-46D Electrical and Instruments (Initial) Organizational Maintenance (Track E-602-2452)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	64	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3432, H-46D Electrical and Instruments/Automatic Flight Control Systems Organizational Maintenance (Track E-602-2432)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	64	Jun 95	Onboard

**CIN, COURSE TITLE:** C-603-3423, H46D Structural and Hydraulic Power and Related Systems Organizational Maintenance (Track E-602-2483)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	2565	Jun 95	Onboard

**CIN, COURSE TITLE:** C-603-3419, CH-46 Structural and Hydraulic System Organizational Maintenance (Track M-602-2486)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	2528	Jun 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-600-3419, H-46 Fiberglass Rotor Blade Repair Organizational Maintenance (Track M-602-2486)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	10	Jun 95	Onboard
Transparencies	6	Jun 95	Onboard

**CIN, COURSE TITLE:** C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance (Track M-646-2044)

**TRAINING ACTIVITY:** MTU 1030 HMT-303 FREST

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard
Student Tests	6	Jun 95	Onboard
Transparencies	25	Jun 95	Onboard



#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** E-2C-2411, CH-46 FRP Category 1 Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-MRC-700 NATOPS Functional Check Flight Checklist	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-500 NATOPS Pilots Checklist	Hard copy	10	Jun 96	Onboard

**CIN, COURSE TITLE:** E-2C-2412, H-46 FRP Category II Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-MRC-700 NATOPS Functional Check Flight Checklist	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-500 NATOPS Pilots Checklist	Hard copy	10	Jun 96	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** E-2C-2413, H-46 FRP Category III Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-MRC-700 NATOPS Functional Check Flight Checklist	Hard copy	6	Jun 95	Onboard
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	6	Jun 95	Onboard
A1-H46AD-NFM-500 NATOPS Pilots Checklist	Hard copy	6	Jun 96	Onboard

**CIN, COURSE TITLE:** E-2C-2408, H-46 FRS Pilot Instructor Under Training (IUT)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-MRC-700 NATOPS Functional Check Flight Checklist	Hard copy	4	Jun 95	Onboard
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	4	Jun 95	Onboard
A1-H46AD-NFM-500 NATOPS Pilots Checklist	Hard copy	4	Jun 96	Onboard

**CIN, COURSE TITLE:** NA-1, Modified CH-46 Pilot Training

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AE-NFM-000 NATOPS Flight Manual (H-46E)	Hard copy	6	Jun 95	Onboard
A1-H46AE-NFM-500 NATOPS Pilots Checklist (H-46E)	Hard copy	6	Jun 95	Onboard
A1-H46AE-NFM-700 NATOPS Functional Checkflight Checklist	Hard copy	6	Jun 95	Onboard

**CIN, COURSE TITLE:** NA-2, Refresher CH-46 Pilot Training

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AE-NFM-000	Hard copy	8	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

NATOPS Flight Manual (H-46E)

A1-H46AE-NFM-500 NATOPS Pilots Checklist (H-46E)	Hard copy	8	Jun 95	Onboard
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A1-H46AE-NFM-700 NATOPS Functional Checkflight Checklist	Hard copy	8	Jun 95	Onboard
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**CIN, COURSE TITLE:** NA-3, Basic CH-46 Pilot Training  
**TRAINING ACTIVITY:** HMMT-164  
**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AE-NFM-000 NATOPS Flight Manual (H-46E)	Hard copy	10	Jun 95	Onboard
A1-H46AE-NFM-500 NATOPS Pilots Checklist (H-46E)	Hard copy	10	Jun 95	Onboard
A1-H46AE-NFM-700 NATOPS Functional Checkflight Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0011, H-46 Fleet Replacement Aircrew (FRAC) Category I  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0011, H-46 FRAC Category I  
**TRAINING ACTIVITY:** MTU 1028 NAMTRAU  
**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard
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#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** E-050-0020, H-46 Fleet Replacement Aircrewman (FRAC) Category II

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0020, H-46 FRAC Category II

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard

A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard
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**CIN, COURSE TITLE:** E-050-0021, H-46 Aircrewman Instructor Under Training

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-0021, H-46 Aircrewman IUT

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard

A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard
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#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** E-050-2400, H-46 Fleet Replacement Aircrewman (FRAC) Category I Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-2400, H-46 FRAC Category I Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-2401, H-46 Fleet Replacement Aircrew (FRAC) Category II Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** E-050-2401, H-46 FRAC Category II Pipeline

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-000 NATOPS Flight Manual (CH-46D)	Hard copy	10	Jun 95	Onboard
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** M-601-2415, CH-46 Crew Chief Training Syllabus

**TRAINING ACTIVITY:** HMMT-164

**LOCATION, UIC:** MCAS Camp Pendleton, 00164

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AD-NFM-900 NATOPS Crew Chief Pocket Checklist	Hard copy	10	Jun 95	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-H46AE-MRC-800 H46 Daily Inspection and Servicing Requirements Manual	Hard copy	10	Jun 95	Onboard
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A1-H46AE-NCS-000 H46 cross Servicing Schedule	Hard copy	10	Jun 95	Onboard
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A1-H46AE-NFM-000 NATOPS Flight Manual (H-46E)	Hard copy	6	Jun 95	Onboard
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**CIN, COURSE TITLE:** C-102-3422, H-46D CNI Systems Organizational Maintenance (Track E-102-2422)**TRAINING ACTIVITY:** MTU 1028 NAMTRAU**LOCATION, UIC:** North Island, 66065

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H-46 SRM Navigation Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard
A1-H46AE-600-000 H46 SRM Communications Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jan 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-102-3416, H-46 CNI Systems Organizational Maintenance (Track M-102-2424)**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST**LOCATION, UIC:** MCAS New River, 31513

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H-46 SRM Navigation Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-600-000 H46 SRM Communications Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jan 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-102-3419, H-46 ECM Systems Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-75-22 Conventional Weapons Checklist CH-46 ECM	Hard copy	8	Jan 99	Onboard
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
16-30ALE39-1 AN/ALE-39 and Countermeasures Dispenser Control (C-10936/ALE-39) Intermediate Maintenance Manual, W/IPB	Hard copy	8	Jan 99	Onboard
16-30ALM225-1 AN/ALM-225 Dispensing System Test Set, Intermediate Maintenance Manual W/IPB	Hard copy	8	Jan 99	Onboard
A1-H46AE-760-000 H46 Electronics Countermeasures Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	8	Jan 99	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-000 H46 Wiring Data & Diagrams, Organizational and Intermediate	Hard copy	8	Jan 99	Onboard
NAESU Technical Report Operating Instructions for the AN/ALM-225 Countermeasures Dispensing system Test Set on CH-46E SR&M A/C (8878-08)	Hard copy	8	Jan 99	Onboard

#### IV.B.3. TECHNICAL MANUALS

OPNAVINST 4790.2 (Series)  
Naval Aviation Maintenance Program

Hard copy 10 Jun 95 Onboard

**CIN, COURSE TITLE:** C-102-3421, H-46 Communication Navigation Control System Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H-46 SRM Navigation Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-600-000 H46 SRM Communications Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jan 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3421, H-46 Electrical and Instruments Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard



#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 H46E Powerplants and Related Systems W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-MRC-300 H46 Daily/Servicing Maintenance Requirements Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-WCR-000 H46 Connector Repair, Organizational Maintenance	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-000 H46 Wiring Data & Diagrams, Organizational and Intermediate	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
17-15E-57 Automatic Flight Control System (AFCS) Line Test Set Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard
A1-H46AE-570-000 H46 Automatic Flight Control Systems (AFCS) W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-570-000 H46 SRM AFCS Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-WCR-000 H46 Connector Repair, Organizational Maintenance	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-000 H46 Wiring Data & Diagrams, Organizational and Intermediate	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-198-3416, H-46 Night Vision Goggles / Head-Up Display System Organizational Maintenance (Track M-102-2424)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	8	Jan 99	Onboard
16-35AVS-5 Aviator's Night Vision Imaging System (ANVIS) Tech Manual, Organizational and Intermediate Maintenance W/IPB and Special Tools	Hard copy	8	Jan 99	Onboard
A1-H46AE-600-100 H46 NVG/HUD, Technical Manual, Operator's, Aviation Unit, Direct Support, and General Support Maintenance Manual	Hard copy	8	Jan 99	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-602-3421, H-46 Electrical and Instruments Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 H46E Powerplants and Related Systems W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-MRC-300 H46 Daily/Servicing Maintenance Requirements Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-WCR-000 H46 Connector Repair, Organizational Maintenance	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-000 H46 Wiring Data & Diagrams, Organizational and Intermediate	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3428, H-46 AFCS Organizational Maintenance (Track M-102-2450)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
17-15E-57 Automatic Flight Control System (AFCS) Line Test Set Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard
A1-H46AE-570-000 H46 Automatic Flight Control Systems (AFCS) W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-570-000 H46 SRM AFCS Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-WCR-000 H46 Connector Repair, Organizational Maintenance	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-000 H46 Wiring Data & Diagrams, Organizational and Intermediate	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-601-4416, H-46D (SR&M) Helicopter Mechanic Organizational Maintenance (Track E-601-2412)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
02B-105AHC-4 T-58-GE-10 Turboshaft Engine, Intermediate Maintenance Manual, External Piping and Clamping	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-300 H46 Level Rotor System, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-000 H46 SRM Powerplants and Related Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-000 H46 SRM Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard
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**CIN, COURSE TITLE:** C-600-3422, H-46E Mechanic Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
02B-105AHC-4 T-58-GE-10 Turboshift Engine, Intermediate Maintenance Manual, External Piping and Clamping	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-300 H46 Level Rotor System, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 H46E Powerplants and Related Systems W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-000 H46 SRM Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard



#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-600-9422, H-46 Mechanic Organizational Maintenance (Track M-601-2414)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
02B-105AHC-4 T-58-GE-10 Turboshift Engine, Intermediate Maintenance Manual, External Piping and Clamping	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-010 CH-46E, Power Plants and Related Systems, T58-GE-16 Engines Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-300 H46 Level Rotor System, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-000 H46 SRM Powerplants and Related Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-000 H46 SRM Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3425, H-46D Electrical and Instruments (Initial) Organizational Maintenance (Track E-602-2452)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-602-3432, H-46D Electrical and Instruments / Automatic Flight Control Systems Organizational Maintenance (Track E-602-2452)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
17-15E-57 Automatic Flight Control System (AFCS) Line Test Set Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-000 H46 SRM Powerplants and Related Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-420-000 H46 SRM Electrical Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-500-000 H46 SRM Instrument Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-560-000 H46 SRM Navigation Systems	Hard copy	10	Jun 95	Onboard
A1-H46AE-570-000 H46 SRM AFCS Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-WDM-010 H46 Wiring Data and Diagram Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-603-3423, H46D Structural and Hydraulic Power and Related Systems Organizational Maintenance (Track E-602-2483)

**TRAINING ACTIVITY:** MTU 1028 NAMTRAU

**LOCATION, UIC:** North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-1A-17 Aviation Hydraulic Manual	Hard copy	10	Jun 95	Onboard
01-1A-17 Aviation Hydraulic Manual	Hard copy	10	Jun 95	Onboard
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
17-15E-52 Hydraulic Analysis Kit Maintenance Instruction W/IPB	Hard copy	10	Jun 95	Onboard
17-15E-52 Hydraulic Analysis Kit Maintenance Instruction Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-000 H46 SRM Powerplants and Related Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-MRC-000 H46 Helicopters, Periodic Maintenance Information Cards	Hard copy	10	Jun 95	Onboard
A1-H46AE-MRC-300 H46 Daily/Servicing Maintenance Requirements Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-SRM-000 H46 SRM Structural Repair Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-SRM-200 H46 SRM Corrosion Control, Organizational and Intermediate Maintenance Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-603-3419, CH-46 Structural and Hydraulic System Organizational Maintenance (Track M-602-24866)

**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST

**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-1A-17 Aviation Hydraulic Manual	Hard copy	10	Jun 95	Onboard
01-1A-17 Aviation Hydraulic Manual	Hard copy	10	Jun 95	Onboard
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
17-15E-52 Hydraulic Analysis Kit Maintenance Instruction Manual W/IPB	Hard copy	10	Jun 95	Onboard
17-15E-52 Hydraulic Analysis Kit Maintenance Instruction W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-110-000 H46 SRM Airframe Group, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-140-000 H46 Flight Control Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-000 H46 SRM Rotor Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-220-000 H46 SRM Powerplants and Related Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-260-010 H46 Drive Systems, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-400-000 H46 SRM Utility Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

A1-H46AE-450-000 H46 SRM Hydraulic Systems, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-GAI-000 H46 General Information Manual, W/AFC-342, Organizational and Intermediate Maintenance W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
A1-H46AE-MRC-000 H46 Helicopters, Periodic Maintenance Information Cards	Hard copy	10	Jun 95	Onboard
A1-H46AE-MRC-300 H46 Daily/Servicing Maintenance Requirements Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-SRM-000 H46 SRM Structural Repair Manual	Hard copy	10	Jun 95	Onboard
A1-H46AE-SRM-200 H46 SRM Corrosion Control, Organizational and Intermediate Maintenance Manual	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-600-3419, H-46 Fiberglass Rotor Blade Repair Organizational Maintenance (Track M-602-2486)  
**TRAINING ACTIVITY:** MTU 1027 CH-46 FREST  
**LOCATION, UIC:** MCAS New River, 31513

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-H46AE-150-200 H46 SRM Fiberglass Rotor Blades, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard

**CIN, COURSE TITLE:** C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance (Track M-646-2044)  
**TRAINING ACTIVITY:** MTU 1030 HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
01-110-HCE-2.1 Aircraft Survivability Avionics Equipment	Hard copy	10	Jun 95	Onboard
01-110HCE-2 UH-1N Maintenance Instructions	Hard copy	10	Jun 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

01-110HCE-6-3 UH-1N Maintenance Requirement Cards	Hard copy	10	Jun 95	Onboard
01-110HCE-75 Airborne Weapons/Loading Manual	Hard copy	10	Jun 95	Onboard
01-110HCE-75-17 Conventional Weapons Checklist UH-1N Crew Served Guns	Hard copy	10	Jun 95	Onboard
01-250HD-8 Work Unit Code Manual, H-46 Aircraft	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-1 AH-1W Helicopter General Information	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.2.2 Armament Systems and Troubleshooting	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.1 AH-1W Armament Systems Principles of Operation	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.2.1 Armament Systems Testing and Troubleshooting	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.2.3 Armament Systems Testing and Troubleshooting	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.3 Armament Systems Maintenance	Hard copy	10	Jun 95	Onboard
01-H1AAC-2-12.4 Armament Systems IPB	Hard copy	10	Jun 95	Onboard
01-H1AAC-75 AH-1W Airborne Weapons Stores Loading Manual	Hard copy	10	Jun 95	Onboard
11-1-105 20MM Barrel Erosion Gauge Kit	Hard copy	10	Jun 95	Onboard
11-45BB-7.1 20MM Point and Suppressive Fire System Maintenance Instructions	Hard copy	10	Jun 95	Onboard
11-70DA-1 UH-1N Defensive Armament Subsystem A/A49E-11	Hard copy	10	Jun 95	Onboard
11-95-13 Aircraft Machine Gun, .50 Caliber, Organizational and Intermediate Maintenance Manual	Hard copy	10	Jun 95	Onboard



#### IV.B.3. TECHNICAL MANUALS

11-95GAU-1 Aircraft machine Gun, &.63MM, GAU-17	Hard copy	10	Jun 95	Onboard
11-95M197-1 M197 20MM Automatic Gun, Organizational and Depot Level Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
11-95M60-1 Machine Gun, M60 Model C&D, 7.62MM	Hard copy	10	Jun 95	Onboard
11-95M89-1 M89 Declutching Feeder and M89E1 Organizational Maintenance Instructions W/IPB	Hard copy	10	Jun 95	Onboard
11-95MAU-1 Feeder Delinker, 7.62MM, MAU-201/A, Organizational and Intermediate Maintenance Manual W/IPB	Hard copy	10	Jun 95	Onboard
A1-H46AE-IDX-000 H46 SRM IPB Numerical Index	Hard copy	10	Jun 95	Onboard
OPNAVINST 4790.2 (Series) Naval Aviation Maintenance Program	Hard copy	10	Jun 95	Onboard

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
PDA	Conducted OT-III A for CNCS	FY96	Completed
PDA	Introduced CNCS to Fleet	FY96	Completed
TA	Began CNCS Follow-on Training	FY96	Completed
TSA	Began CNCS Training for CH-46E	FY96	Completed
PDA	Distributed DCU ILSP Revision C	FY98	Completed
TSA	Distribute Draft NTSP (Revision) for Review	Oct 00	Pending

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
None			

## PART VII - POINTS OF CONTACT

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